



One Stop Shopping for All Powers You Need

# Quick Selection Guide

- AC-DC Enclosed Switching Power Supply
- AC-DC LED Power Supply
- AC-DC Open Frame Switching Power Supply
- AC-DC External Switching Power Supply
- DC-DC Converter
- DC-AC Inverter

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# Quick Selection

AC-DC POWER SUPPLY	Enclosed Switching Power Supply	General Purpose	High Reliability Miniature	G3	1	
			Traditional Safety	G2 / SE	2	
			Economical Miniature	NE	2	
			High Reliability with PFC Function	PFC	3	
		Security Series with UPS Function				4
		Modular Power				5
		DIN Rail				6
	LED Power Supply	PFC				6
		PFC / Non PFC				7
		Medical PCB Type				8
	Open Frame Switching Power Supply	On Board Type				9
		General Type				9
		Charger				10
	External Switching Power Supply	Adaptor	Desktop		10	
			Medical Desktop		10	
			Wall-mounted		11	
		Module Type				11
DC-DC CONVERTER	On Board Type				12	
	Open Frame Type				12	
	Enclosed Type				12	
DC-AC POWER INVERTER	Modified Sine Wave				13	
	Modified Sine Wave with MPPT Solar Charger				13	
	True Sine Wave				13	

★ Note 1: F - Universal AC input / Full range; S - 115/230VAC selectable by switch; 110 - 110VAC only; 230 - 230VAC only; 277 - 277VAC available; H - 340~550VAC; 3Ø - 2 or 3 phase power system; 1Ø - single phase input; W - wide input range 180~550VAC

★ Note 2:	A - Short circuit, overload protection	R - No minimum load required for CH 2,3,4 and can be adjusted from -5~+10%	h - Six-sided shield metal case
	B - Over voltage protection		i - Meet EISA 2007 (Energy Independence and Security Act)
	C - Over temperature protection	S - No minimum load required for CH 2,3 and can be adjusted from -5~+5%	j - ErP step 2 compliant
	D - Fan ON/OFF auto control	T - Built-in ON/OFF power switch	k - 2000VAC I/O isolation
	E - Fan speed control	U - Full output 5~48V safety approval	l - Built-in USB interface
	F - PF / PG or DC OK signal output	V - Battery-low protection	m - Output voltage / frequency adjustable
	G - Remote control	W - Battery polarity protection	n - Standby saving mode to conserve energy
	H - Remote sense	X - Isolation class II	o - Built-in AC circuit breaker
	I - Parallel function	Y - High IP level	p - Built-in solar/AC charger
	J - Active PFC	Z - Dimming function	q - UPS mode and energy saving mode (selectable)
	K - Passive PFC	a - 2:1 wide input range	r - Class 2 power unit
	L - 5G anti-vibration capability	b - 4:1 wide input range	s - 4000VDC I/O isolation
	M - Fan alarm function	c - 1000VDC I/O isolation	t - Meet EN50155 railway certificate
	N - 5V or 12V auxiliary output	d - 1500VDC I/O isolation	u - Built-in MPPT solar charger
	O - Cooling by built-in DC fan	e - 3000VDC I/O isolation	+ - Comply with medical standards
	P - Cooling by free air convection	f - Hot Swap and Or-ing diode	Ⓞ - Low "No load power consumption"
	Q - Output voltage can be adjusted by external control source	g - Five-sided shield metal case	(Optional function)

★ Note 3: Safety Standard ("B" means the safety is pending)

A	B	C	CU	D	E	F	G	GL	I	L	P	T	U	UC	UL	V	W	e1	e2

★ Please refer to the SPEC sheet of each product for more detail information about it. If there is any discrepancy between the data printed in this short form and the SPEC sheets, the SPEC sheets should take precedence.

# Enclosed Switching Power Supply



## G3 Series (Single Output) / (Multiple Output)

Model	W	Input (Note 1)	Single Output Rated Current (A)						Features (Note 2)	Safety (Note 3)	Dimension (LxWxH) (mm)	Warranty (Years)	Packing		
			3.3V	5V	12V	15V	24V	48V					pcs	kg	CUFT
RS-15-□	15	F	3	3	1.3	1	0.625	0.313	ABCLP	UC T B E	62.5x 51x 28	3	108	15.0	0.71
RS-25-□	25	F	6	5	2.1	1.7	1.1	0.57	ABLP	UC T B E	78x 51x 28	3	60	13.0	0.46
RS-35-□	35	F	7	7	3	2.4	1.5	0.8	ABLP	UC T B E	99x 82x 36	3	45	14.0	0.83
RS-50-□	50	F	10	10	4.2	3.4	2.2	1.1	ABLP	UC T B E	99x 97x 36	3	45	19.5	0.90
RS-75-□	75	F	15	12	6	5	3.2	1.6	ABLP	UC T B E	129x 98x 38	3	30	13.3	0.86
RS-100-□	100	F	20	16	8.5	7	4.5	2.3	ABLP	UC T B E	159x 97x 38	3	24	15.4	0.70
RS-150-□	150	S	30	26	12.5	10	6.5	3.3	ABLP	UC T B E	199x 98x 38	3	20	15.0	0.80

Model	W	Input (Note 1)	Multiple Output Rated Current (A)											Features (Note 2)	Safety (Note 3)	Dimension (LxWxH) (mm)	War. (Years)	Packing			
			5V	12V	13.5V	15V	24V	48V	-5V	-12V	-13.5V	-15V	pcs					kg	CUFT		
RD-35A	32	F	4	1											ABLP	UC T B E	99x 82x 36	3	45	14.0	0.83
RD-35B	35	F	2.2				1								ABLP	UC T B E	99x 82x 36	3	45	14.0	0.83
RD-3513	35	F			1.3							1.3			ABLP	UC T B E	99x 82x 36	3	45	14.0	0.83
RD-50A	54	F	6	2											ABLP	UC T B E	99x 97x 36	3	45	19.5	0.90
RD-50B	54	F	4				1.4								ABLP	UC T B E	99x 97x 36	3	45	19.5	0.90
RD-65A	66	F	6	3											ABLP	UC T B E	129x 98x 38	3	30	14.2	0.86
RD-65B	68	F	4				2								ABLP	UC T B E	129x 98x 38	3	30	14.2	0.86
RD-85A	88	F	8	4											ABLP	UC T B E	159x 97x 38	3	24	15.4	0.70
RD-85B	88	F	8				2								ABLP	UC T B E	159x 97x 38	3	24	15.4	0.70
RD-125A	131	S	7.7	7.7											ABLP	UC T B E	199x 98x 38	3	20	15.0	0.80
RD-125B	133	S	4.6				4.6								ABLP	UC T B E	199x 98x 38	3	20	15.0	0.80
RD-125-1224	133	S		3.7			3.7								ABLP	UC T B E	199x 98x 38	3	20	15.0	0.80
RD-125-2412	133	S		3.7			3.7								ABLP	UC T B E	199x 98x 38	3	20	15.0	0.80
RD-125-1248	138	S		2.3				2.3							ABLP	UC T B E	199x 98x 38	3	20	15.0	0.80
RD-125-4812	138	S		2.3				2.3							ABLP	UC T B E	199x 98x 38	3	20	15.0	0.80
RD-125-2448	144	S					2	2							ABLP	UC T B E	199x 98x 38	3	20	15.0	0.80
RD-125-4824	144	S					2	2							ABLP	UC T B E	199x 98x 38	3	20	15.0	0.80
RID-125-1205	125	S	3	9.2											ABLP	UC T B E	199x 98x 38	3	20	15.0	0.80
RID-125-2405	125	S	3				4.6								ABLP	UC T B E	199x 98x 38	3	20	15.0	0.80
RT-50A	47	F	4	2					0.5						ABLP	UC T B E	99x 97x 36	3	45	19.5	0.90
RT-50B	50	F	4	2						0.5					ABLP	UC T B E	99x 97x 36	3	45	19.5	0.90
RT-50C	50	F	4			1.5						0.5			ABLP	UC T B E	99x 97x 36	3	45	19.5	0.90
RT-50D	51	F	3	1			1								ABLP	UC T B E	99x 97x 36	3	45	19.5	0.90
RT-65A	66	F	6	2.8					0.5						ABLP	UC T B E	129x 98x 38	3	30	13.2	0.72
RT-65B	65	F	5	2.8						0.5					ABLP	UC T B E	129x 98x 38	3	30	13.2	0.72
RT-65C	66	F	5			2.2						0.5			ABLP	UC T B E	129x 98x 38	3	30	13.2	0.72
RT-65D	68	F	4	1			1.5								ABLP	UC T B E	129x 98x 38	3	30	13.2	0.72
RT-85A	85	F	8	3.5					0.5						ABLP	UC T B E	159x 97x 38	3	24	15.4	0.70
RT-85B	88	F	8	3.5						0.5					ABLP	UC T B E	159x 97x 38	3	24	15.4	0.70
RT-85C	88	F	7			3						0.5			ABLP	UC T B E	159x 97x 38	3	24	15.4	0.70
RT-85D	90	F	6	1			2								ABLP	UC T B E	159x 97x 38	3	24	15.4	0.70
RT-125A	131	S	12	5.5					1						ABLP	UC T B E	199x 98x 38	3	20	14.0	0.80
RT-125B	132	S	12	5						1					ABLP	UC T B E	199x 98x 38	3	20	14.0	0.80
RT-125C	133	S	10			4.5						1			ABLP	UC T B E	199x 98x 38	3	20	14.0	0.80
RT-125D	136	S	8	2			3								ABLP	UC T B E	199x 98x 38	3	20	14.0	0.80
RQ-50B	46	F	5	1					0.5	0.5					ABLP	UC T B E	99x 97x 36	3	45	19.5	0.90
RQ-50C	50	F	5			1			0.5			0.5			ABLP	UC T B E	99x 97x 36	3	45	19.5	0.90
RQ-50D	53	F	3	0.9			0.9			0.5					ABLP	UC T B E	99x 97x 36	3	45	19.5	0.90
RQ-65B	63	F	6	2					0.5	0.5					ABLP	UC T B E	129x 98x 38	3	30	14.2	0.86
RQ-65C	65	F	5			2			0.5			0.5			ABLP	UC T B E	129x 98x 38	3	30	14.2	0.86
RQ-65D	68	F	4	1.5			1			0.5					ABLP	UC T B E	129x 98x 38	3	30	14.2	0.86
RQ-85B	81	F	7	3.1					0.5	0.5					ABLP	UC T B E	159x 97x 38	3	24	15.4	0.70
RQ-85C	83	F	7			2.5			0.5			0.5			ABLP	UC T B E	159x 97x 38	3	24	15.4	0.70
RQ-85D	84	F	6	2			1			0.5					ABLP	UC T B E	159x 97x 38	3	24	15.4	0.70
RQ-125B	120	S	11	4.5					1	0.5					ABLP	UC T B E	199x 98x 38	3	20	14.0	0.80
RQ-125C	123	S	10			4			1			0.5			ABLP	UC T B E	199x 98x 38	3	20	14.0	0.80
RQ-125D	124	S	8	2.5			2			0.5					ABLP	UC T B E	199x 98x 38	3	20	14.0	0.80

# Enclosed Switching Power Supply



## G2 / SE Series (Single Output)

Model	W	Input (Note 1)	Single Output Rated Current (A)											Features (Note 2)	Safety (Note 3)	Dimension (LxWxH) (mm)	War. (Years)	Packing			
			3.3V	5V	7.5V	9V	12V	13.5V	15V	24V	27V	36V	48V					pcs	kg	CUFT	
S-25-□	25	F		5			2.1		1.7	1.1					ABP	UTE	99x 97x 36	2	45	18.0	0.90
S-40-□	40	F		8			3.5		2.8	1.8					ABP	UCTBE	129x 98x 38	2	30	13.9	0.86
S-60-□	60	F		12			5		4	2.5					ABP	UCTBCE	159x 97x 38	2	24	13.1	0.70
S-100F-□	100	S		20	13.5		8.5		6.7	4.5			2.2	ABP	UCTBCE	199x 98x 38	2	20	14.2	0.80	
S-150-□	150	S		30	20	16.7	12.5	11.2	10	6.5	5.6		3.2	ABP	UCTBCE	199x 110x 50	2	16	13.8	0.95	
SE-200-□	210	S	40	40	27		17		14	8.8	7.8	5.9	4.4	ABCP	UC	215x 115x 50	2	12	12.0	0.92	
S-210-□	210	S		40	27		17	15	14	8.8	7.8		4.4	ABCP	UC	215x 115x 50	2	12	12.4	0.92	
S-250-□	250	S		40	46		18		15	10	9		5.2	ABO	UC	150x 140x 86	2	8	11.0	0.97	
S-320-□	320	S		50	36		25	22	20	12.5	11		6.5	ABCD O	UC	215x 115x 50	2	12	13.8	0.92	
SE-350-□	350	S	60	60	46		29		23.2	14.6	13	9.7	7.3	ABCD O	UC	215x 115x 50	2	12	13.5	0.92	
SE-450-□	450	S	75	75			37.5		30	18.8		12.5	9.4	ABCH O	UC	225x 124x 50	2	12	16.0	1.00	
SE-600-□	600	S		100			50		40	25	22.2	16.6	12.5	ABCH O	UC	247x 127x 63.5	2	6	13.4	1.03	
SE-1000-□	1000	S		150		100	83.3		66.7	41.7			20.8	ABCFGHO	UC	278x 127x 63.5	2	6	16.0	1.38	
SE-1500-□	1500	S		300			125		100	62.5	55.6		31.3	ABCFGHO	UC	278x 177.8x 63.5	2	4	14.2	1.14	



## G2 Series (Multiple Output)

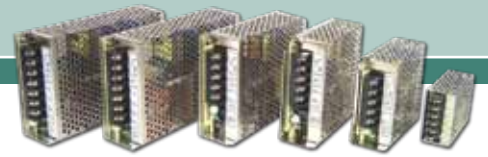
Model	W	Input (Note 1)	Multiple Output Rated Current (A)						Features (Note 2)	Safety (Note 3)	Dimension (LxWxH) (mm)	War. (Years)	Packing		
			5V	12V	15V	24V	-5V	-12V					-15V	pcs	kg
D-60A	56	F	4	3					ABP	UCTBE	159x 97x 38	2	24	13.8	0.75
D-60B	58	F	3			1.8			ABP	UCTBE	159x 97x 38	2	24	13.8	0.75
ID-60B	58	F	3			1.8			ABP	UCTBE	159x 97x 38	2	24	13.9	0.75
D-120A	120	S	12	5					ABP	UCTBE	199x 110x 50	2	16	14.2	0.95
D-120B	126	S	6			4			ABP	UCTBE	199x 110x 50	2	16	14.2	0.95
T-40A	42	F	3	2			0.5		ABP	CUE	129x 98x 38	2	30	14.7	0.86
T-40B	45	F	3	2				0.5	ABP	CUE	129x 98x 38	2	30	14.7	0.86
T-40C	45	F	3		1.5			0.5	ABP	CUE	129x 98x 38	2	30	14.7	0.86
T-60A	58	F	5	2.5			0.5		ABP	UCTBE	159x 97x 38	2	24	14.1	0.75
T-60B	61	F	5	2.5				0.5	ABP	UCTBE	159x 97x 38	2	24	14.1	0.75
T-60C	63	F	5		2			0.5	ABP	UCTBE	159x 97x 38	2	24	14.1	0.75
IT-60D	58	F	3	0.8		1.4			ABP	UCTBE	159x 97x 38	2	24	13.2	0.75
IT-60F	58	F	3		0.8	1.3			ABP	UCTBE	159x 97x 38	2	24	13.2	0.75
T-120A	120	S	11	5			1		ABP	UCTBE	199x 110x 50	2	16	14.2	0.95
T-120B	121	S	11	4.5				1	ABP	UCTBE	199x 110x 50	2	16	14.2	0.95
T-120C	118	S	10		3.5			1	ABP	UCTBE	199x 110x 50	2	16	14.2	0.95
T-120D	118	S	8	2.5		2			ABP	UCTBE	199x 110x 50	2	16	14.2	0.95
Q-60B	60	F	5.5	2			0.5	0.5	ABP	CUE	159x 97x 38	2	24	14.4	0.75
Q-60C	60	F	5.5		1.5		0.5	0.5	ABP	CUE	159x 97x 38	2	24	14.4	0.75
Q-60D	62	F	4	1		1		0.5	ABP	CUE	159x 97x 38	2	24	14.4	0.75
IQ-60D	58	F	3	0.5		1.3		0.5	ABP	UCTBE	159x 97x 38	2	24	14.2	0.75
IQ-60F	60	F	3		0.5	1.25		0.5	ABP	UCTBE	159x 97x 38	2	24	14.2	0.75
Q-120B	120	S	11	4			1	1	ABP	UCTBE	199x 110x 50	2	16	14.7	0.95
Q-120C	123	S	10		3.5		1	1	ABP	UCTBE	199x 110x 50	2	16	14.7	0.95
Q-120D	124	S	8	2		2		1	ABP	UCTBE	199x 110x 50	2	16	14.7	0.95
Q-250B	201	S	20	7			1	1	ABO	UC	150x 140x 86	2	8	11.5	0.97
Q-250C	195	S	20		5		1	1	ABO	UC	150x 140x 86	2	8	11.5	0.97
Q-250D	242	S	10	5		5		1	ABO	UC	150x 140x 86	2	8	11.5	0.97
Q-250F	245	S	10		4	5		1	ABO	UC	150x 140x 86	2	8	11.5	0.97



## NE Series (Single Output)

Model	W	Input (Note 1)	Single Output Rated Current (A)											Features (Note 2)	Safety (Note 3)	Dimension (LxWxH) (mm)	War. (Years)	Packing		
			3.3V	5V	7.5V	9V	12V	15V	24V	27V	36V	48V	pcs					kg	CUFT	
NES-15-□	15	F		3			1.3	1	0.7				0.35	ABCP	UCBCE	79x 51x 28	2	60	11.8	0.46
NES-25-□	25	F		5			2.1	1.7	1.1				0.57	ABP	UCBCE	99x 82x 35	2	45	14.5	0.66
NES-35-□	35	F		7			3	2.4	1.5				0.8	ABP	UCBCE	99x 97x 36	2	45	17.2	0.93
NES-50-□	50	F		10			4.2	3.4	2.2				1.1	ABP	UCBCE	129x 98x 38	2	45	19.5	1.24
NES-75-□	75	F		14			6.2	5	3.2				1.6	ABP	UCBCE	159x 97x 38	2	30	16.6	0.97
NES-100-□	100	S		20	13.6	11.2	8.5	7	4.5				2.3	ABP	UCBCE	159x 97x 38	2	30	17.5	0.97
NES-150-□	150	S	30	26	20	16.7	12.5	10	6.5				3.3	ABP	UCTCE	199x 98x 38	2	30	22.0	1.24
NES-200-□	210	S	40	40	27		17	14	8.8	7.8	5.9	4.4	ABCP	UC	215x 115x 50	2	12	12.0	0.92	
NES-350-□	350	S	60	60	46		29	23.2	14.6	13	9.7	7.3	ABCD O	UC	215x 115x 50	2	12	13.5	0.92	

# Enclosed Switching Power Supply



## NE Series (Multiple Output)

Model	W	Input (Note 1)	Multiple Output Rated Current (A)							Features (Note 2)	Safety (Note 3)	Dimension (LxWxH) (mm)	War. (Years)	Packing			
			5V	12V	15V	24V	-5V	-12V	-15V					pcs	kg	CUFT	
NED-35A	32	F	4	1							ABP	UCBE	99X 97X 36	2	45	17.2	0.93
NED-35B	35	F	2.2				1				ABP	UCBE	99X 97X 36	2	45	17.2	0.93
NED-50A	54	F	6	2							ABP	UCBE	129X 98X 38	2	45	21.0	1.24
NED-50B	54	F	4				1.4				ABP	UCBE	129X 98X 38	2	45	21.0	1.24
NED-75A	71	F	7	3							ABP	UCBE	159X 97X 38	2	30	16.6	0.97
NED-75B	73	F	5				2				ABP	UCBE	159X 97X 38	2	30	16.6	0.97
NED-100A	100	S	10	4.2							ABP	UCBE	199X 98X 38	2	30	17.5	0.97
NED-100B	100	S	8				2.5				ABP	UCBE	199X 98X 38	2	30	17.5	0.97
NED-100C	99	S	3	7							ABP	UCBE	199X 98X 38	2	30	17.5	0.97
NED-100D	99	S	3				3.5				ABP	UCBE	199X 98X 38	2	30	17.5	0.97
NET-35A	30	F	3	1				0.5			ABP	UCBE	99X 97X 36	2	45	17.2	0.93
NET-35B	33	F	3	1					0.5		ABP	UCBE	99X 97X 36	2	45	17.2	0.93
NET-35C	35	F	2.5		1					0.5	ABP	UCBE	99X 97X 36	2	45	17.2	0.93
NET-35D	37	F	2.5	1			0.5				ABP	UCBE	99X 97X 36	2	45	17.2	0.93
NET-50A	47	F	4	2				0.5			ABP	UCBE	129X 98X 38	2	45	21.0	1.24
NET-50B	50	F	4	2					0.5		ABP	UCBE	129X 98X 38	2	45	21.0	1.24
NET-50C	50	F	4		1.5					0.5	ABP	UCBE	129X 98X 38	2	45	21.0	1.24
NET-50D	51	F	3	1			1				ABP	UCBE	129X 98X 38	2	45	21.0	1.24
NET-75A	69	F	6	3				0.5			ABP	UCBE	159X 97X 38	2	30	16.6	0.97
NET-75B	65	F	5	2.8					0.5		ABP	UCBE	159X 97X 38	2	30	16.6	0.97
NET-75C	72	F	6		2.3					0.5	ABP	UCBE	159X 97X 38	2	30	16.6	0.97
NET-75D	73	F	5	1			1.5				ABP	UCBE	159X 97X 38	2	30	16.6	0.97

## PFC Series (Single Output)

Model	W	Input (Note 1)	Single Output Rated Current (A)													Features (Note 2)	Safety (Note 3)	Dimension (LxWxH) (mm)	War. (Years)	Packing	
			2.5V	3.3V	3.6V	5V	7.5V	12V	13.5V	15V	24V	27V	30V	36V	48V					pcs	kg
SP-75-□	75	F		15		15	10	6.3	5.6	5	3.2	2.8			1.6	ABJP	UCTBE	179x 99x 33	3	20	12.0
SP-100-□	100	F		20		20	13.5	8.5	7.5	6.7	4.2	3.8			2.1	ABGJP	UCTBE	179x 99x 45	3	20	14.3
SP-150-□	150	F		30		30	20	12.5	11.2	10	6.3	5.6			3.2	ABCGJP	UCTBE	199x 99x 50	3	20	16.4
USP-150-□	150	F						12.5		10	6.3			4.2	3.2	ABCJP	E	215x 67.4x 33	3	24	12.5
SP-200-□	200	F		40		40	26.7	16.7	14.9	13.4	8.4	7.5			4.2	ABCEJO	UCTBCE	199x 99x 50	3	20	17.9
USP-225-□	225	F		40		40		18.7		15	9.4				4.7	ABCJ	UCTBE	202x 101.5x 38	3	16	14.6
SP-240-□	240	F				45	32	20		16	10		8		5	ABCDJO	UCTBE	190x 93x 50	3	18	15.4
HSP-250-□	250	F	50		50	50										ABCDHJO	UCTBE	199x 105x 41	3	15	15.6
SP-320-□	320	F		55		55	40	25	22	20	13	11.7		8.8	6.7	ABCEJO	UCTBE	215x 115x 50	3	12	14.0
USP-350-□	350	F		70		70		29.2		23.4	14.6				7.3	ABCJ	UCTBE	235.2x 101.5x 38	3	16	18.0
SP-480-□	480	F		85		85		40		32	20				10	ABCGHJO	UCTBE	278x 127x 43	3	6	11.3
SP-500-□	500	F						40	36	32	20	18			10	ABCDGJO	UCTBE	170x 120x 93	3	8	15.5
USP-500-□	500	F				80		42		33.5	21				10.5	ABCFGHJ	UCTBE	254x 127x 41	3	6	10.6
PSP-600-□	600	F				80		50	44.5	40	25	22.2			12.5	ABCFGHJO	UCTBE	170x 120x 93	3	8	15.5
SP-750-□	750	F				120		62.5		50	31.3	27.8			15.7	ABCFGHJO	UCTBE	278x 127x 63.5	3	6	18.4
RSP-1000-□	1000	F						60		50	40	37			21	ABCFGHIJNOQ	UCTBE	295x 127x 41	3	6	12.7
RCP-1000-□	1000	F						60			40				21	ABCFGHIJNOQF	UCTBE	295x 127x 41	3	6	12.5
RSP-1500-□	1500	F				240		125		100	63	56			32	ABCFGHIJNOQ	UCTBE	278x 127x 83.5	3	6	19.5
RCP-2000-□	2000	F						100			80				42	ABCFGHIJNOQF	UCTBE	295x 127x 41	3	6	13
RSP-2400-□	2400	230						166.7			100				50	ABCEFGHIJMNOQ	UCTBE	278x 177.8x 63.5	3	4	14.2
RSP-3000-□	3000	230						200			125				62.5	ABCEFGHIJMNOQ	UCTBE	278x 177.8x 63.5	3	4	16.0

## PFC-HRP(G) Series – High Reliability (Single Output)

Model	W	Input (Note 1)	Single Output Rated Current (A)								Features (Note 2)	Safety (Note 3)	Dimension (LxWxH) (mm)	War. (Years)	Packing		
			3.3V	5V	7.5V	12V	15V	24V	36V	48V					pcs	kg	CUFT
HRP-75-□	75	F	15	15	10	6.3	5	3.2	2.1	1.6	ABCGJLP	UCTBE	129x 98x 38	5	30	15.0	0.72
HRP-100-□	100	F	20	17	13.5	8.5	7	4.5	2.9	2.2	ABCGJLP	UCTBE	159x 97x 38	5	24	10.1	0.76
HRP-150-□	150	F	30	26	20	13	10	6.5	4.3	3.3	ABCHJLP	UCTBE	159x 97x 38	5	24	15.6	0.76
HRPG-150-□	150	F	30	26	20	13	10	6.5	4.3	3.3	ABCGHJLNP	UCTBE	159x 97x 38	5	24	16.0	0.76
HRP-200-□	200	F	40	35	26.7	16.7	13.4	8.4	5.7	4.3	ABCHJLP	UCTBE	199x 98x 38	5	18	14.9	0.81
HRPG-200-□	200	F	40	35	26.7	16.7	13.4	8.4	5.7	4.3	ABCGHJLNP	UCTBE	199x 98x 38	5	18	14.9	0.81
HRP-300-□	300	F	60	60	40	27	22	14	9	7	ABCDFHJLO	UCTBE	199x 105x 41	5	15	15.3	0.69
HRPG-300-□	300	F	60	60	40	27	22	14	9	7	ABCDFGHJLNO	UCTBE	199x 105x 41	5	15	15.3	0.69
HRP-450-□	450	F	90	90	60	37.5	30	18.8	12.5	9.5	ABCDFHJLO	UCTBE	218x 105x 41	5	12	15.3	0.82
HRPG-450-□	450	F	90	90	60	37.5	30	18.8	12.5	9.5	ABCDFGHJLNO	UCTBE	218x 105x 41	5	12	15.3	0.82
HRP-600-□	600	F	120	120	80	53	43	27	17.5	13	ABCDFHJLO	UCTBE	218x 105x 63.5	5	8	13.0	1.34
HRPG-600-□	600	F	120	120	80	53	43	27	17.5	13	ABCDFGHJLNO	UCTBE	218x 105x 63.5	5	8	13.6	1.34

# Enclosed Switching Power Supply



## ■ PFC-SPV Series — Programmable Output Voltage (Single Output)

Model	W	Input (Note 1)	Single Output Rated Current (A)			Features (Note 2)	Safety (Note 3)	Dimension (LxWxH) (mm)	War. (Years)	Packing		
			12V	24V	48V					pcs	kg	CUFT
SPV-150-□	150	F	12.5	6.25	3.125	ABCJPQ	UC T E	215x 115x 50	3	12	14	0.92
SPV-300-□	300	F	25	12.5	6.25	ABCJOQ	UC T E	215x 115x 50	3	12	14	0.92
SPV-600-□	600	F	50	25	12.5	ABCGHJOQ	UC T E	170x 120x 93	3	8	15.5	1.06
SPV-1500-□	1500	F	125	63	32	ABCGHIJNOQ	UC T B E	278x 127x 83.5	3	6	16.6	1.54



## ■ PFC Series (Multiple Output)

Model	W	Input (Note 1)	Multiple Output Rated Current (A)							Features (Note 2)	Safety (Note 3)	Dimension (LxWxH) (mm)	War. (Years)	Packing				
			3.3V	5V	12V	15V	24V	-5V	-12V					-15V	pcs	kg	CUFT	
TP-75A	74	F		7	3				0.6			ABJP	UC T B E	179x 99x 33	3	20	12.7	0.64
TP-75B	76	F		7	3				0.4			ABJP	UC T B E	179x 99x 33	3	20	12.7	0.64
TP-75C	75	F		6		2.5				0.5		ABJP	UC T B E	179x 99x 33	3	20	12.7	0.64
TP-75D	76	F		7	0.4		1.5					ABJP	UC T B E	179x 99x 33	3	20	12.7	0.64
TP-7503	75	F	8	9	0.3							ABJP	UC T B E	179x 99x 33	3	20	12.7	0.64
TP-100A	101	F		10	4				0.6			ABCJP	UC T B E	199x 99x 50	3	20	17.6	1.28
TP-100B	105	F		10	4				0.6			ABCJP	UC T B E	199x 99x 50	3	20	17.6	1.28
TP-100C	104	F		10		3				0.6		ABCJP	UC T B E	199x 99x 50	3	20	17.6	1.28
TP-100D	105	F		10	0.6		2					ABCJP	UC T B E	199x 99x 50	3	20	17.6	1.28
TP-150A	150	F		15	6				0.6			ABCJO	UC T B E	199x 99x 50	3	20	19.0	1.28
TP-150B	148	F		15	5.5				0.6			ABCJO	UC T B E	199x 99x 50	3	20	19.0	1.28
TP-150C	152	F		15		4.5				0.6		ABCJO	UC T B E	199x 99x 50	3	20	19.0	1.28
TP-150D	154	F		15	0.6							ABCJO	UC T B E	199x 99x 50	3	20	19.0	1.28

Model	W	Input (Note 1)	Multiple Output Rated Current (A)														Features (Note 2)	Safety (Note 3)	Dimension (LxWxH) (mm)	War. (Years)	Packing		
			3.3V	5V	12V	15V	24V	-5V	-12V	-15V	+5V	+12V	+15V	+24V	pcs	kg					CUFT		
QP-100B	101	F		10	3			0.6	1							ABCJP	UC T B E	199x 99x 50	3	20	22.0	1.28	
QP-100C	101	F		10		2.2		0.6		1						ABCJP	UC T B E	199x 99x 50	3	20	22.0	1.28	
QP-100D	100	F		8	2.4		1	0.6								ABCJP	UC T B E	199x 99x 50	3	20	18.4	1.28	
QP-100F	103	F		8		2	1			0.6						ABCJP	UC T B E	199x 99x 50	3	20	18.4	1.28	
QP-100-3A	99	F	8	8	2.5			0.6								ABCJP	UC T B E	199x 99x 50	3	20	18.4	1.28	
QP-100-3B	100	F	8	8	2.2			0.6								ABCJP	UC T B E	199x 99x 50	3	20	18.4	1.28	
QP-100-3C	101	F	8	8		1.7				0.6						ABCJP	UC T B E	199x 99x 50	3	20	18.4	1.28	
QP-100-3D	105	F	8	8		1.3		0.6								ABCJP	UC T B E	199x 99x 50	3	20	18.4	1.28	
QP-150B	150	F		15	4			0.6	2							ABCJO	UC T B E	199x 99x 50	3	20	22.0	1.28	
QP-150C	153	F		15		3		0.6		2						ABCJO	UC T B E	199x 99x 50	3	20	22.0	1.28	
QP-150D	150	F		10	4		2	0.6								ABCJO	UC T B E	199x 99x 50	3	20	19.6	1.28	
QP-150F	152	F		10		3	2			0.6						ABCJO	UC T B E	199x 99x 50	3	20	19.6	1.28	
QP-150-3A	146	F	10	10	5			0.6								ABCJO	UC T B E	199x 99x 50	3	20	19.6	1.28	
QP-150-3B	150	F	10	10	5			0.6								ABCJO	UC T B E	199x 99x 50	3	20	19.6	1.28	
QP-150-3C	152	F	10	10		4				0.6						ABCJO	UC T B E	199x 99x 50	3	20	19.6	1.28	
QP-150-3D	150	F	10	10		2.5		0.6								ABCJO	UC T B E	199x 99x 50	3	20	19.6	1.28	
QP-200D	203	F		15	4		3	0.7								ABC F H J O	UC T B E	215x 115x 50	3	12	15.4	0.92	
QP-200F	203	F		15		3	3			0.7						ABC F H J O	UC T B E	215x 115x 50	3	12	15.4	0.92	
QP-200-3A	200	F	15	15	6			0.7								ABC F H J O	UC T B E	215x 115x 50	3	12	15.4	0.92	
QP-200-3B	205	F	15	15	6					0.7						ABC F H J O	UC T B E	215x 115x 50	3	12	15.4	0.92	
QP-200-3C	210	F	15	15		5				0.7						ABC F H J O	UC T B E	215x 115x 50	3	12	15.4	0.92	
QP-200-3D	204	F	15	10			4	0.7								ABC F H J O	UC T B E	215x 115x 50	3	12	15.4	0.92	
QP-200-3E	206	F	15	10			4			0.7						ABC F H J O	UC T B E	215x 115x 50	3	12	15.4	0.92	
QP-320D	316	F		20	10		3	2								ABC F H J O	UC T E	215x 115x 50	3	12	15.4	0.92	
QP-320F	316	F		20		8	3			1.6						ABC F H J O	UC T E	215x 115x 50	3	12	15.4	0.92	
QP-375-5A	378	F		30	10						6	3				ABC F G H J O R	UC T B E	280x 127x 63.5	3	6	14.8	1.45	
QP-375-5B	357	F		30	10						3	6				ABC F G H J O R	UC T B E	280x 127x 63.5	3	6	14.8	1.45	
QP-375-5C	378	F		30	9							4	4			ABC F G H J O R	UC T B E	280x 127x 63.5	3	6	14.8	1.45	
QP-375-5D	378	F		30	9							4		3		ABC F G H J O R	UC T B E	280x 127x 63.5	3	6	14.8	1.45	
QP-375-5E	378	F		30	9									3	2	ABC F G H J O R	UC T B E	280x 127x 63.5	3	6	14.8	1.45	
QP-375-24B	386	F		10			10				4	4				ABC F G H J O R	UC T B E	280x 127x 63.5	3	6	14.8	1.45	
QP-375-24C	410	F		10			10					4	4			ABC F G H J O R	UC T B E	280x 127x 63.5	3	6	14.8	1.45	

# Enclosed Switching Power Supply



## Security Series — with UPS Function (Single Output)

Model	W	Input (Note 1)	Single Output Rated Current (A)		Features (Note 2)	Safety (Note 3)	Dimension (LxWxH) (mm)	War. (Years)	Packing		
			13.8V	27.6V					pcs	kg	CUFT
SCP-35	35	F	2.6	1.4	A B P W	UC B E	99x 97x 36	2	45	17.7	1.00
SCP-50	50	F	3.6	1.8	A B P W	UC B E	129x 98x 38	2	30	14.5	0.95
SCP-75	75	F	5.4	2.7	A B P W	UC B E	159x 97x 38	2	30	16.0	1.00



## Security Series — with UPS Function (Multiple Output)

Model	W	Input (Note 1)	Multiple Output Rated Current (A)													Features (Note 2)	Safety (Note 3)	Dimension (LxWxH) (mm)	War. (Years)	Packing			
			5V	12V	13.3V	13.4V	13.8V	24V	26.5V	27.1V	27.6V	48V	53.5V	54V	pcs					kg	CUFT		
ADS-5512	51	F	3	3													A B P	UC T B E	159x 97x 38	2	24	13.7	0.75
ADS-5524	58	F	2						2								A B P	UC T B E	159x 97x 38	2	24	13.7	0.75
AD-55A	51	F			0.23	3.5											A B P V	UC T B E	159x 97x 38	2	24	12.6	0.75
AD-55B	54	F						0.16	1.8								A B P V	UC T B E	159x 97x 38	2	24	12.6	0.75
ADD-55A	53	F	3		0.23	2.5											A B P V	UC T B E	159x 97x 38	2	24	13.7	0.75
ADD-55B	55	F	3					0.16	1.3								A B P V	UC T B E	159x 97x 38	2	24	13.7	0.75
PSC-60A	59	F			2.8	1.5											ABFPVW	UC T B E	101.6x 50.8x 29	2	96	13.5	0.89
PSC-60B	59	F							1.4	0.75							ABFPVW	UC T B E	101.6x 50.8x 29	2	96	13.5	0.89
PSC-100A	100	F			4.75	2.5				2.7							ABFPVW	UC T B E	127x 76.2x 31	2	63	15.5	1.35
PSC-100B	101	F								24	1.25						ABFPVW	UC T B E	127x 76.2x 31	2	63	15.5	1.35
ADS-15512	153	F	3	11.5													A B J P	UC T B E	199x 110x 50	2	16	16.0	0.95
ADS-15524	154	F	3					5.8									A B J P	UC T B E	199x 110x 50	2	16	16.0	0.95
ADD-15548	154	F	3								2.9						A B J P	UC T B E	199x 110x 50	2	16	16.0	0.95
AD-155A	152	F			0.5	10.5											ABJPVW	UC T B E	199x 110x 50	2	16	15.0	0.95
AD-155B	152	F							0.5	5							ABJPVW	UC T B E	199x 110x 50	2	16	15.0	0.95
AD-155C	157	F									0.2	2.7					ABJPVW	UC T B E	199x 110x 50	2	16	15.0	0.95
ADD-155A	153	F	3		0.5	9.5											ABJPVW	UC T B E	199x 110x 50	2	16	16.0	0.95
ADD-155B	153	F	3						0.5	4.5							ABJPVW	UC T B E	199x 110x 50	2	16	16.0	0.95
ADD-155C	150	F	3								0.2	2.3					ABJPVW	UC T B E	199x 110x 50	2	16	16.0	0.95



## Modular Series — Front-End

Model	W	Input (Note 1)	No. of Slot	Encoding Examples	Features (Note 2)	Safety (Note 3)	Dimension (LxWxH) (mm)	War. (Years)	Packing		
									pcs	kg	CUFT
MP450	450	F	5	MP450-L N P R S	C G J M N O	UC T B E	254x 127x 63.5	3	6	11.8	1.25
MP650	650	F	5	MP650-A 2 E A U	C G J M N O	UC T B E	278x 127x 63.5	3	6	14.0	1.34
MP1K0	1000	F	7	MP1K0-A 2 E H S 2 K	C G J M N O	UC T B E	278x 177.8x 63.5	3	6	19.0	1.74



## Modular Series — Output Module (Single Output) / (Multiple Output)

Model	W	No. of Slot Used	Single Output Rated Current (A)											Features (Note 2)	Warranty (Years)	
			2V	3.3V	5V	7.5V	12V	15V	18V	24V	27V	33V	48V			
MS-75	75	1		L 15	M 15		N 6.3	O 5		P 3.2				Q 1.6	A B G H	3
MS-150	150	1	A 25	B 25	C 25	D 18	E 13	F 10	G 8.5	H 6.5	I 5.8	J 4.7	K 3.2		A B G H	3
MS-300	300	2	2A 50	2B 50	2C 50	2D 40	2E 25	2F 20	2G 16.7	2H 12.5	2I 11.2	2J 9.1	2K 6.3		A B G H I	3

Model	Wattage	No. of Slot Used	Multiple Output Rated Current (A)				Features (Note 2)	Warranty (Years)
			5V	12V	15V	24V		
MD-100R	90	1	10	8			A B G	3
MD-100S	100	1	10		4.2		A B G	3
MD-100T	101	1	10			3.4	A B G	3
MD-100U	100	1	8				A B G	3
MD-100V	101	1		3.4		2.5	A B G	3
MD-100W	101	1		5	3.4		A B G	3
MD-100X	101	1				4	A B G	3

# Enclosed Switching Power Supply



## DIN Series — Single Phase (Single Output)

Model	W	Input (Note 1)	Single Output Rated Current (A)					Features (Note 2)	Safety (Note 3)	Dimension (WxHxD) (mm)	War. (Years)	Packing		
			5V	12V	15V	24V	48V					pcs	kg	CUFT
MDR-10-□	10	F	2	0.84	0.67	0.42		ABFP	L T B E	22.5x 90x 100	3	72	13.2	0.91
DR-15-□	15	F	2.4	1.25	1.0	0.63		ABPX	U C T B E	25x 93x 56	3	140	15.0	0.92
MDR-20-□	20	F	3	1.67	1.34	1		ABFP	L T B E	22.5x 90x 100	3	72	14.7	0.91
DR-30-□	30	F	3	2	2	1.5		ABPX	U C T B E	78x 93x 56	3	48	14.0	1.02
MDR-40-□	40	F	6	3.33		1.7	0.83	ABFP	U C L T B E	40x 90x 100	3	42	13.6	0.82
DR-45-□	45	F	5	3.5	2.8	2		ABCP	L T B E	78x 93x 67	3	48	16.1	1.30
MDR-60-□	60	F	10	5		2.5	1.25	ABFP	U C L T B E	40x 90x 100	3	42	14.8	0.82
DR-60-□	60	F	6.5	4.5	4	2.5		ABPX	U C T B E	78x 93x 56	3	48	15.4	1.02
DR-75-□	75	F		6.3		3.2	1.6	ABCP	L T B E	55.5x 125.2x 100	3	20	13.0	1.10
MDR-100-□	96	F		7.5		4	2	ABC F J P	L T B E	55x 90x 100	3	30	13.6	0.82
DR-100-□	100	F		7.5	6.5	4.2		ABCPX	U C T B E	100x 93x 56	3	36	13.6	0.89
DR-120-□	120	S		10		5	2.5	ABCP	U C L T B E	65.5x 125.2x 100	3	20	16.5	1.29
SDR-120-□	120	F		10		5	2.5	ABC F J P	G L L T B E	40x 125.2x 113.5	3	20	14.4	1.19
WDR-120-□	120	W		10		5	2.5	ABC F P	L B E	40x 125.2x 113.5	3	20	14.0	1.16
DRP-240-□	240	F				10	5	ABC J P	U C L T B E	125.5x 125.2x 100	3	12	15.5	1.29
SDR-240-□	240	F				10	5	ABC F J P	G L L T B E	63x 125.2x 113.5	3	12	13.4	1.06
WDR-240-□	240	W				10	5	ABC F J P	U L B E	63x 125.2x 113.5	3	12	13.4	1.06
SDR-480-□	480	F				20	10	ABC F J P	G L L T B E	85.5x 125.2x 128.5	3	8	13.8	0.92
WDR-480-□	480	W				20	10	ABC F J P	U L B E	85.5x 125.2x 128.5	3	8	14.6	0.90
DRP-480-□	480	230				20	10	ABC K P	U C L T B E	227x 125.2x 100	3	6	15.0	1.75
DRP-480S-□	480	S				20	10	ABC K P	U C L T B E	227x 125.2x 100	3	6	16.6	1.75



## DIN Series — Two / Three Phase High Input Voltage (Single Output)

Model	W	Input (Note 1)	Single Output Rated Current (A)		Features (Note 2)	Safety (Note 3)	Dimension (WxHxD) (mm)	Warranty (Years)	Packing		
			24V	48V					pcs	kg	CUFT
DRH-120-□	120	H, 3Ø	5	2.5	ABCP	U C B E	65.5x 125.2x 100	3	20	16.0	1.29
DRT-240-□	240	H, 3Ø	10	5	ABCP	U C L T B E	125.5x 125.2x 100	3	12	16.6	1.29
DRT-480-□	480	H, 3Ø	20	10	ABCP	U C L T B E	227x 125.2x 100	3	6	16.0	1.75
DRT-960-□	960	H, 3Ø	40	20	ABC I P	U C L T B E	276x 125.2x 100	3	4	14.2	1.14



## LED Series (with PFC) — Metal Case: HLG / CLG / CEN Series

Model	W	Input (Note 1)	Single Output Rated Current (A)									Features (Note 2)	Safety (Note 3)	Dimension (LxWxH) (mm)	War. (Years)	Packing			
			12V	15V	20V	24V	27V	30V	36V	42V	48V					54V	pcs	kg	CUFT
HLG-40H-□	40	277	3.33	2.67	2	1.67		1.34	1.12	0.96	0.84	0.75	ABCJPYzr	U C U T B E	171x 61.5x 36.8	5	20	15.6	0.8
HLG-60H-□	60	277		4	3	2.5		2	1.7	1.45	1.3	1.15	ABCJPYzr	U C U T B E	171x 61.5x 36.8	5	20	15.6	0.8
CEN-60-□	60	277	5	4	3	2.5		2	1.7	1.45	1.3	1.15	ABCJPYr	U C T B P E	183x 62.5x 40.5	3	24	14.4	1.11
CLG-60-□	60	277	5	4	3	2.5	2.3		1.7		1.3		ABCJPYr	U C U T B P E	195.6x 61.5x 38.8	3	16	14.8	0.54
CEN-75-□	75	277		5	3.75	3.15		2.5	2.1	1.8	1.57	1.4	ABCJPYr	U C T B P E	183x 62.5x 40.5	3	24	14.4	1.11
HLG-80H-□	80	277	5	5	4	3.4		2.7	2.3	1.95	1.7	1.5	ABCJPYr	U C U T B P E	195.6x 61.5x 38.8	5	16	14.4	0.54
CEN-100-□	96	277			4.8	4		3.2	2.65	2.28	2	1.77	ABCJPYr	U C U T B P E	193x 62.5x 40.5	3	24	15.4	1.11
CLG-100-□	96	277	5	5	4.8	4	3.55			2.65		2	ABCJPYr	U C U T B P E	222.2x 68x 38.8	3	12	13.0	0.49
HLG-100-□	96	F			4.8	4		3.2	2.65	2.28	2	1.77	ABCJPYzr	U C T B P E	220x 68x 38.8	5	12	14.4	0.76
HLG-100H-□	96	277			4.8	4		3.2	2.65	2.28	2	1.77	ABCJPYzr	U C T B P E	220x 68x 38.8	5	12	14.4	0.76
HLG-120-□	120	F	10	8	6	5		4	3.4	2.9	2.5	2.3	ABCJPYZ	U C T B P E	220x 68x 38.8	5	12	14.4	0.76
HLG-120H-□	120	277	10	8	6	5		4	3.4	2.9	2.5	2.3	ABCJPYZ	U C T B P E	220x 68x 38.8	5	12	14.4	0.76
CLG-150-□	150	277	11	9.5	7.5	6.3		5	4.2		3.2		ABCJPY	U C T B P E	222.2x 68x 38.8	3	12	13.0	0.49
HLG-150-□	150	F	12.5	10	7.5	6.3		5	4.2	3.6	3.2	2.8	ABCJPYZ	U C T B P E	228x 68x 38.8	5	12	14.8	0.76
HLG-150H-□	150	277	12.5	10	7.5	6.3		5	4.2	3.6	3.2	2.8	ABCJPYZ	U C T B P E	228x 68x 38.8	5	12	14.8	0.76
HLG-185-□	185	F	13	11.5	9.3	7.8		6.2	5.2	4.4	3.9	3.45	ABCJPYZ	U C T B P E	228x 68x 38.8	5	12	14.8	0.76
HLG-185H-□	185	277	13	11.5	9.3	7.8		6.2	5.2	4.4	3.9	3.45	ABCJPYZ	U C T B P E	228x 68x 38.8	5	12	14.8	0.76
HLG-240-□	240	F	16	15	12	10		8	6.7	5.72	5	4.45	ABCJPYZ	U C T B P E	244.2x 68x 38.8	5	12	16.6	0.74
HLG-240H-□	240	277	16	15	12	10		8	6.7	5.72	5	4.45	ABCJPYZ	U C T B P E	244.2x 68x 38.8	5	12	16.6	0.74
HLG-320H-□	320	277	22	19	15	13.3		10.7	8.9	7.6	6.7	5.95	ABCJPYZ	U C T B E	252x 90x 42	5	8	16.0	0.83

\*Note: H Type: 90~305VAC, 127~431VDC

### LDD series

DC/DC 300~1000mA Constant Current LED Driver



### LDV-185 series

185W Multiple Channel Output with PFC







## LED Series (with PFC) — PCB: PLP / HLP Series; U-bracket: ULP Series

Model	W	Input (Note 1)	Single Output Rated Current (A)										Features (Note 2)	Safety (Note 3)	Dimension (LxWxH) (mm)	War. (Years)	Packing		
			12V	15V	18V	20V	24V	30V	36V	42V	48V	54V					pcs	kg	CUFT
PLP-20-□	20	277	1.6		1.1		0.8		0.55		0.42		ABCJP	UC T B E	140x 32x 22	2	60	9.2	1.03
PLP-30-□	30	F	2.5				1.3			0.63		ABJP	T B E	101.6x 50.8x 26.6	2	108	13	0.89	
HLP-40H-□	40	277	3.33	2.67		2	1.67	1.34	1.12	0.96	0.84	0.75	ABCJPZr	UC T B E	147x 53x 27	3	72	15.4	1.09
PLP-45-□	45	F	3.8				1.9			0.95			ABJP	T B E	101.6x 50.8x 29.6	2	96	16.4	0.89
PLP-60-□	60	F	5				2.5			1.3			ABJP	T B E	101.6x 50.8x 29.6	2	96	16.4	0.89
HLP-60H-□	60	277		4		3	2.5	2	1.7	1.45	1.3	1.15	ABCJPZr	UC T B E	147x 53x 27	3	72	15.4	1.09
HLP-80H-□	80	277	5	5		4	3.4	2.7	2.3	1.95	1.7	1.5	ABCJPZr	UC T B E	162x 53x 28	3	36	11.2	0.67
ULP-150-□	150	277	12.5	10			6.3		4.2	3.2			ABCJP	E	215x 67.4x 33	3	24	17.5	0.65

## LED Series (with PFC) — Plastic Case: PLN / PLC / LPF / HLN Series



Model	W	Input (Note 1)	Single Output Rated Current (A)												Features (Note 2)	Safety (Note 3)	Dimension (LxWxH) (mm)	War. (Years)	Packing	
			9V	12V	15V	18V	20V	24V	27V	30V	36V	42V	48V	54V					pcs	kg
PLN-20-□	20	277		1.6		1.1		0.8		0.55		0.42	ABCJPXYr	UC T B P E	147x 37x 28	2	60	12.8		
PLN-30-□	30	277	3.3	2.5	2		1.5	1.25	1.12		0.84	0.63	ABCJPXYr	CU UC U T B P E	145x 47x 30	2	60	14.2		
PLC-30-□	30	F	3.3	2.5	2		1.5	1.25	1.12		0.84	0.63	ABCJPXr	UC U T B P E	160x 46x 30	2	70	15.0		
LPF-40-□	40	277		3.34	2.67		2	1.67		1.34	1.12	0.96	0.84	0.76	ABCJPYr	UC U T B P E	162.5x 42.5x 32	3	32	15.08
LPF-40D-□	40	277		3.34	2.67		2	1.67		1.34	1.12	0.96	0.84	0.76	ABCJPYZr	UC U T B P E	162.5x 43.5x 32	3	32	15.4
HLN-40H-□	40	277		3.33	2.67		2	1.67		1.34	1.12	0.96	0.84	0.75	ABCJPYZr	UC U T B E	161x 61.5x 35	3	40	15.0
PLN-45-□	45	277		3.8	3		2.3	1.9	1.7		1.25	0.95	ABCJPYr	UC U T B P E	181x 61.5x 35	2	24	13.0		
PLC-45-□	45	F		3.8	3		2.3	1.9	1.7		1.25	0.95	ABCJP	UC U T B P E	181.5x 62x 35	2	30	13.3		
PLN-60-□	60	277		5	4		3	2.5	2.3		1.7	1.3	ABCJPYr	UC U T B P E	181x 61.5x 35	2	24	13.0		
PLC-60-□	60	F		5	4		3	2.5	2.3		1.7	1.3	ABCJP	UC U T B P E	181.5x 62x 35	2	30	13.3		
LPF-60-□	60	277		5	4		3	2.5		2	1.67	1.43	1.25	1.12	ABCJPYr	UC U T B P E	162.5x 42.5x 32	3	32	15.08
LPF-60D-□	60	277		5	4		3	2.5		2	1.67	1.43	1.25	1.12	ABCJPYZr	UC U T B P E	162.5x 43.5x 32	3	32	15.4
HLN-60H-□	60	277			4		3	2.5		2	1.7	1.45	1.3	1.15	ABCJPYZr	UC U T B E	161x 61.5x 35	3	40	15.0
HLN-80H-□	80	277		5	5		4	3.4		2.7	2.3	1.95	1.7	1.5	ABCJPYZr	UC U T B P E	181x 61.5x 35	3	24	13.0
LPF-90-□	90	277			5		4.5	3.75		3	2.5	2.15	1.88	1.67	ABCJPYr	UC U T B E	161x 61x 36	3	20	14.0
LPF-90D-□	90	277			5		4.5	3.75		3	2.5	2.15	1.88	1.67	ABCJPYZr	UC U T B E	161x 61x 36	3	20	15.0
PLN-100-□	96	277		5	5		4.8	4	3.55		2.65	2		ABCJPYr	UC U T B P E	200x 70.5x 35	2	20	12.5	
PLC-100-□	96	F		5	5		4.8	4	3.55		2.65	2		ABCJP	UC U T B P E	200.5x 69.5x 35	2	25	14.0	

## LED Series (with PFC) — AC Dimmable: PCD Series; Non Dimmable: PLD Series



Model	W	Input (Note 1)	Single Output Voltage (VDC)				Features (Note 2)	Safety (Note 3)	Dimension (LxWxH) (mm)	Warranty (Years)	Packing		
			350mA	700mA	1050mA	1400mA					pcs	kg	CUFT
PCD-16-□	16	110, 230	24~48	16~24	12~16	8~12	ABCJPXZ	E F W	84x 57x 29.5	3	72	14.7	0.92
PCD-25-□	25	110, 230	40~58	24~36	16~24	12~18	ABCJPXZ	E F W	84x 57x 29.5	3	72	14.7	0.92
PLD-25-□	25	277	40~58	24~36	16~24	12~18	ABCJPXr	E F W	84x 57x 29.5	3	72	14.7	0.75

## LED Series (Non PFC) — Plastic Case: APV / APC / LPH(C) / LPL(C) / LPV / LPC / ELN Series



Model C.C.mode	Wattage	Input (Note 1)	Single Output Voltage (VDC)					Features (Note 2)	Safety (Note 3)	Dimension (LxWxH) (mm)	Warranty (Years)
			350mA	700mA	1050mA	1400mA	1750mA				
APC-12-□	12	F	9~36	9~18			ABPXr	E	77x 40x 29	2	
APC-16-□	16	F	12~48	9~24			ABPXr	E	77x 40x 29	2	
LPLC-18-□	18	110	6~48	6~25			ABCPXYr	D F	140x 30x 20	2	
LPHC-18-□	18	230	6~48	6~25			ABCPXYr	E	140x 30x 20	2	
LPC-20-□	20	F	9~48	9~30			ABPXYr	UC U E	118x 35x 26	2	
LPC-35-□	35	F		9~48	9~30	9~24	ABPXYr	UC U E	148x 40x 30	2	
LPC-60-□	60	F			9~48	9~42	9~34	ABPXYr	UC U E	162.5x 42.5x 32	2

Model C.V.mode	Wattage	Input (Note 1)	Single Output Rated Current (A)							Features (Note 2)	Safety (Note 3)	Dimension (LxWxH) (mm)	Warranty (Years)	
			5V	9V	12V	15V	24V	27V	36V					48V
APV-12-□	12	F	2		1	0.8	0.5			ABPXr	E	77x 40x 29	2	
APV-16-□	16	F	2.6		1.25	1	0.67			ABPXr	E	77x 40x 29	2	
LPL-18-□	18	110			1.5		0.75		0.5	ABCPXYr	D F	140x 30x 20	2	
LPH-18-□	18	230			1.5		0.75		0.5	ABCPXYr	T F	140x 30x 20	2	
LPV-20-□	20	F	3		1.67	1.33	0.84			ABPXYr	UC U E	118x 35x 26	2	
ELN-30-□	30	F	5	3.4	2.5	2	1.25	1.12		0.63	ABPXYZr	UC U E	145x 47x 30	2
LPV-35-□	35	F	5		3	2.4	1.5		1		ABPXYr	UC E	148x 40x 30	2
ELN-60-□	60	F		5	5	4	2.5	2.3		1.3	ABPXYZr	UC U E	181x 61.5x 35	2
LPV-60-□	60	F	8		5	4	2.5		1.67	1.25	ABPXYr	UC U E	162.5x 42.5x 32	2
LPV-100-□	100	F	12		8.5	6.7	4.2		2.8	2.1	ABPXY	E	190x 52x 37	2

# Open Frame Switching Power Supply



## Medical PCB Series (Single Output) / (Multiple Output)

Model	W	Input (Note 1)	Single Output Rated Current (A)									Features (Note 2)	Safety (Note 3)	Dimension (LxWxH) (mm)	War. (Years)	Packing			
			3.3V	5V	7.5V	12V	13.5V	15V	24V	27V	36V					48V	pcs	kg	CUFT
MPS-30-□	30	F		5		2.5		2	1.2	1.1		0.6	ABCP+	UC V B E	101.6x 65.8x 23.5	3	90	15.8	1.02
MPS-45-□	45	F	8	8	5.4	3.7	3.3	3	1.9	1.7		1	ABP+	UC V B E	127x 76x 28	3	72	15.1	1.35
RPS-60-□	60	F	10	10		5.5		4.4	2.75			1.375	ABP+	UC T V B E	101.6x 50.8x 29	3	96	15.4	0.89
MPS-65-□	65	F	12	12	8	5.2	4.7	4.2	2.7	2.4		1.35	ABP+	UC V B E	127x 76x 42	3	54	14.6	1.35
RPS-75-□	75	F	15	14		6.3		5	3.2		2.1	1.6	ABP+	UC V B E	127x 76.2x 31	3	63	15.5	1.35
MPS-120-□	120	F	24	22		10		8	5			2.5	ABFP+	UC V B E	177.8x 107.95x 35.5	3	24	14.5	1.04
RPS[G]-160-□	160	F		30		12.9		10.3	6.5			3.25	ABCFGHJNP+	UC V B E	127x 76.2x 34.6	3	36	12.5	0.79
MPS-200-□	200	F	40	40		16.7		13.4	8.4			4.2	ABCFGHJP+	UC V B E	177.8x 107.2x 35.5	3	24	16.8	1.04

Model	W	Input (Note 1)	Multiple Output Rated Current (A)									Features (Note 2)	Safety (Note 3)	Dimension (LxWxH) (mm)	War. (Years)	Packing			
			3.3V	5V	12V	15V	24V	-5V	-12V	-15V	pcs					kg	CUFT		
MPD-45A	40	F		3.2	2								ABP+	UC V B E	127x 76x 28	3	72	17.4	1.35
MPD-45B	45	F		3.2				1.2					ABP+	UC V B E	127x 76x 28	3	72	17.4	1.35
RPD-60A	49	F		5	2								ABP+	UC T V B E	101.6x 50.8x 29	3	96	15.4	0.89
RPD-60B	54	F		3.5				1.5					ABP+	UC T V B E	101.6x 50.8x 29	3	96	15.4	0.89
MPD-65A	61	F		5.5	2.8								ABP+	UC V B E	127x 76.2x 42	3	54	16.0	1.35
MPD-65B	66	F		3.5				2					ABP+	UC V B E	127x 76.2x 42	3	54	16.0	1.35
RPD-75A	71	F		7	3								ABP+	UC V B E	127x 76.2x 31	3	63	16.7	1.35
RPD-75B	73	F		5				2					ABP+	UC V B E	127x 76.2x 31	3	63	16.7	1.35
MPD-120A	110	F		10	5								ABFP+	UC V B E	177.8x 107.95x 35.5	3	24	14.5	1.04
MPD-120B	120	F		10				2.9					ABFP+	UC V B E	177.8x 107.95x 35.5	3	24	14.5	1.04
RPD[G]-160B	150	F		12				3.6					ABCFGJNP+	UC V B E	127x 76.2x 34.6	3	36	12.9	0.79
MPD-200A	196	F		20	8								ABCFGHJP+	UC V B E	177.8x 107.2x 35.5	3	24	16.8	1.04
MPD-200B	196	F		20				4					ABCFGHJP+	UC V B E	177.8x 107.2x 35.5	3	24	16.8	1.04
MPT-45A	41	F		3	2				0.3				ABP+	UC V B E	127x 76x 28	3	72	18.0	1.35
MPT-45B	43	F		3	2					0.3			ABP+	UC V B E	127x 76x 28	3	72	18.0	1.35
MPT-45C	44	F		3		1.6					0.3		ABP+	UC V B E	127x 76x 28	3	72	18.0	1.35
RPT-60A	47	F		4	2				0.5				ABP+	UC T V B E	101.6x 50.8x 29	3	96	15.4	0.89
RPT-60B	50	F		4	2					0.5			ABP+	UC T V B E	101.6x 50.8x 29	3	96	15.4	0.89
RPT-60C	50	F		4		1.5					0.5		ABP+	UC T V B E	101.6x 50.8x 29	3	96	15.4	0.89
RPT-60D	48	F		3.5	0.5		1						ABP+	UC T V B E	101.6x 50.8x 29	3	96	15.4	0.89
RPT-6003	40	F	5	3	0.7								ABP+	UC T V B E	101.6x 50.8x 29	3	96	15.4	0.89
MPT-65A	60	F		5.5	2.5				0.5				ABP+	UC V B E	127x 76x 42	3	54	16.8	1.35
MPT-65B	64	F		5.5	2.5					0.5			ABP+	UC V B E	127x 76x 42	3	54	16.8	1.35
MPT-65C	65	F		5.5		2					0.5		ABP+	UC V B E	127x 76x 42	3	54	16.8	1.35
RPT-75A	69	F		6	3				0.5				ABP+	UC V B E	127x 76.2x 31	3	63	17.4	1.35
RPT-75B	72	F		6	3					0.5			ABP+	UC V B E	127x 76.2x 31	3	63	17.4	1.35
RPT-75C	72	F		6		2.3					0.5		ABP+	UC V B E	127x 76.2x 31	3	63	17.4	1.35
RPT-75D	73	F		5	1		1.5						ABP+	UC V B E	127x 76.2x 31	3	63	17.4	1.35
RPT-7503	62	F	6	6	1								ABP+	UC V B E	127x 76.2x 31	3	63	17.4	1.35
MPT-120A	111	F		10	4.8				0.6				ABFP+	UC V B E	177.8x 107.95x 35.5	3	24	14.5	1.04
MPT-120B	110	F		10	4.4					0.6			ABFP+	UC V B E	177.8x 107.95x 35.5	3	24	14.5	1.04
MPT-120C	119	F		10		4					0.6		ABFP+	UC V B E	177.8x 107.95x 35.5	3	24	14.5	1.04
MPT-120D	110	F		10	0.6		2.2						ABFP+	UC V B E	177.8x 107.95x 35.5	3	24	14.5	1.04
RPT[G]-160A	145	F		14	5.5				1				ABCFGJNP+	UC V B E	127x 76.2x 34.6	3	36	12.9	0.79
RPT[G]-160B	146	F		14	5					1			ABCFGJNP+	UC V B E	127x 76.2x 34.6	3	36	12.9	0.79
RPT[G]-160C	143	F		14		3.6					1		ABCFGJNP+	UC V B E	127x 76.2x 34.6	3	36	12.9	0.79
RPT[G]-160D	148	F		11	5		1.2						ABCFGJNP+	UC V B E	127x 76.2x 34.6	3	36	12.9	0.79
MPT-200A	200	F		20	7.5				2				ABCFGHJ+	UC V B E	177.8x 107.2x 35.5	3	24	16.8	1.04
MPT-200B	196	F		20	6					2			ABCFGHJP+	UC V B E	177.8x 107.2x 35.5	3	24	16.8	1.04
MPT-200C	201	F		20		4.7					2		ABCFGHJP+	UC V B E	177.8x 107.2x 35.5	3	24	16.8	1.04
MPT-200D	196	F		20	2		3						ABCFGHJP+	UC V B E	177.8x 107.2x 35.5	3	24	16.8	1.04
MPQ-120B	111	F		10	4.2				0.6	0.6			ABFP+	UC V B E	177.8x 107.95x 35.5	3	24	14.5	1.04
MPQ-120C	110	F		10		3.2			0.6	0.6			ABFP+	UC V B E	177.8x 107.95x 35.5	3	24	14.5	1.04
MPQ-120D	120	F		10	1.		2.1		0.6				ABFP+	UC V B E	177.8x 107.95x 35.5	3	24	14.5	1.04
MPQ-120E	109	F		10	3	0.6	0.6						ABFP+	UC V B E	177.8x 107.95x 35.5	3	24	14.5	1.04
MPQ-200B	193	F		15	7				2	2			ABCFGHJP+	UC V B E	177.8x 107.2x 35.5	3	24	16.8	1.04
MPQ-200C	190	F		15		5			2	2			ABCFGHJP+	UC V B E	177.8x 107.2x 35.5	3	24	16.8	1.04
MPQ-200D	195	F		15	2		3		2				ABCFGHJP+	UC V B E	177.8x 107.2x 35.5	3	24	16.8	1.04
MPQ-200E	200	F		15		2	2.7			2			ABCFGHJP+	UC V B E	177.8x 107.2x 35.5	3	24	16.8	1.04

# Open Frame Switching Power Supply



## On Board Type (Single Output) \*NFM: PCB type; PM: module type

Model	W	Input (Note 1)	Single Output Rated Current (A)					Features (Note 2)	Safety (Note 3)	Dimension (LxWxH) (mm)	Warranty (Years)	Packing		
			3.3V	5V	12V	15V	24V					pcs	kg	CUFT
NFM-05-□	5	F	1.25	1	0.42	0.33	0.23	ABCP	UC V B E	58x 45x 19.1	3	120	4.6	0.97
NFM-10-□	10	F	2.5	2	0.85	0.67	0.42	ABCP	UC V B E	65x 45x 22	3	120	6.4	0.97
NFM-15-□	15	F	3.5	3	1.25	1	0.63	ABCP	UC V B E	70x 48x 22	3	120	8.8	0.97
NFM-20-□	20	F	4.5	4.4	1.8	1.4	0.92	ABCP	UC V B E	89x 51x 19.3	3	105	10.5	0.97
PM-05-□	5	F	1.25	1	0.42	0.33	0.23	ABP	UC V B E	62.85x 50x 19.7	3	120	11.2	0.97
PM-10-□	10	F	2.5	2	0.85	0.67	0.42	ABP	UC V B E	70x 50x 22.7	3	120	13.6	0.97
PM-15-□	15	F	3.5	3	1.25	1	0.63	ABP	UC V B E	75x 53x 22.7	3	120	17.8	0.97
PM-20-□	20	F	4.5	4.4	1.8	1.4	0.92	ABP	UC V B E	94x 56x 22.7	3	90	17.2	0.97

## General Type (Single Output) / (Multiple Output)

Model	W	Input (Note 1)	Single Output Rated Current (A)										Features (Note 2)	Safety (Note 3)	Dimension (LxWxH) (mm)	War. (Years)	Packing			
			3.3V	5V	7.5V	12V	13.5V	15V	20V	24V	27V	36V					48V	pcs	kg	CUFT
PS-05-□	5	F		1		0.45		0.35		0.22			0.11	ABCP	B E	75x 40x 20	2	120	6.25	1.00
PS-15-□	15	F		2.8		1.25		1		0.625			0.313	ABCP	B E	94x 49x 25	2	120	10.96	0.91
PS-25-□	25	F	5	5	3.3	2.1	1.9	1.7		1	0.9		0.5	ABCP	UC T B E	107x 61x 28	2	96	15.0	1.30
PS-35-□	35	F	6	6	4.7	3	2.6	2.4		1.5			0.75	ABP	UC T B E	101.6x 50.8x 24	2	96	12.9	0.8
PS-45-□	45	F	8	8	5.4	3.7	3.3	3		1.9	1.7		1	ABP	UC T B E	127x 76x 28	2	72	15.6	1.35
LPS-50-□	50	F	10	10		4.2		3.4		2.1			1.1	ABGP	UC T B E	195x 55x 23	2	48	12.5	0.84
PS-65-□	65	F	12	12	8	5.2	4.7	4.2		2.7	2.4		1.35	ABP	UC T B E	127x 76x 42	2	54	14.2	1.35
ELP-75-□	75	F	15	15		6.25		5		3.15		2.1	1.6	ABJP	UC T B E	175x 60x 27	3	48	13.0	0.85
LPS-75-□	75	F	15	15		6.2		5		3.2			1.56	ABGP	UC T B E	222x 55x 30	2	48	15.6	1.12
LPS-100-□	100	F	20	20	13.3	8.4	7.5	6.7		4.2	3.8		2.1	ABP	UC T B E	222x 62x 32	3	24	12.5	1.39
LPP-100-□	100	F	20	20	13.5	8.5	7.5	6.7		4.2	3.8		2.1	ABJP	UC T B E	222x 62x 32	3	24	13.9	1.76
PPS-125-□	125	F	25	25		10.5	9.3	8.4		5.2	4.6		2.6	ABHJP	UC T B E	127x 76.2x 34.6	3	36	14.3	0.79
ASP-150-□	150	F	30			11		9.5	7.5	6.3			3.2	ABCJP	UC B E	169x 60.7x 28.5	3	48	15.8	0.79
LPP-150-□	150	F		30	20	12.5	11.2	10		6.3	5.6		3.2	ABJP	UC T B E	222x 75x 41	3	24	16.6	1.39
PPS-200-□	200	F		36		16.6		13.3		8.3	7.4		4.167	ABCHJP	UC T B E	127x 76.2x 34.6	3	36	14.3	0.79

Model	W	Input (Note 1)	Multiple Output Rated Current (A)									Features (Note 2)	Safety (Note 3)	Dimension (LxWxH) (mm)	War. (Years)	Packing				
			3.3V	5V	12V	15V	24V	36V	48V	-5V	-12V					-15V	pcs	kg	CUFT	
PD-25A	25	F		2.1	1.2									ABCP	UC T B E	107x 61x 28	2	96	15.9	1.30
PD-25B	25	F		1.2			0.8							ABCP	UC T B E	107x 61x 28	2	96	15.9	1.30
PD-2505	25	F		2.5						2.5				ABCP	UC T B E	107x 61x 28	2	96	15.9	1.30
PD-2512	24	F			1						1			ABCP	UC T B E	107x 61x 28	2	96	15.9	1.30
PD-2515	24	F				0.8						0.8		ABCP	UC T B E	107x 61x 28	2	96	15.9	1.30
PD-2503	25	F	3	3										ABCP	UC T B E	107x 61x 28	2	96	15.4	1.30
PD-45A	40	F		3.2	2									ABP	UC T B E	127x 76x 28	2	72	16.0	1.35
PD-45B	45	F		3.2			1.2							ABP	UC T B E	127x 76x 28	2	72	16.0	1.35
PD-65A	61	F		5.5	2.8									ABP	UC T B E	127x 76x 28	2	54	15.0	1.35
PD-65B	66	F		3.5			2							ABP	UC T B E	127x 76x 28	2	54	15.0	1.35
RPD-65C	60	F		1.2	4.5									ABP	UC T B E	127x 76x 28	2	63	16.0	1.35
RPD-65D	60	F		1.2			2.25							ABP	UC T B E	127x 76x 28	2	63	16.0	1.35
PID-250A	205	F		5	15									ABCGJP	UC T B E	222x 95x 40	3	18	14.3	0.88
PID-250B	251	F		5			9.4							ABCGJP	UC T B E	222x 95x 40	3	18	14.3	0.88
PID-250C	252	F		5				6.3						ABCGJP	UC T B E	222x 95x 40	3	18	14.3	0.88
PID-250D	251	F		5					4.7					ABCGJP	UC T B E	222x 95x 40	3	18	14.3	0.88
PT-45A	41	F		3	2					0.3				ABP	UC T B E	127x 76x 28	2	72	17.0	1.35
PT-45B	43	F		3	2						0.3			ABP	UC T B E	127x 76x 28	2	72	17.0	1.35
PT-45C	44	F		3		1.6						0.3		ABP	UC T B E	127x 76x 28	2	72	17.0	1.35
PT-4503	45	F	4	4	1									ABP	UC T B E	127x 76x 28	2	72	17.6	1.35
PT-6503	62	F	6	6	1									ABP	UC T B E	127x 76x 42	2	54	16.2	1.35
PT-65A	60	F		5.5	2.5					0.5				ABP	UC T B E	127x 76x 42	2	54	15.9	1.35
PT-65B	64	F		5.5	2.5						0.5			ABP	UC T B E	127x 76x 42	2	54	15.9	1.35
PT-65C	65	F		5.5		2						0.5		ABP	UC T B E	127x 76x 42	2	54	15.9	1.35
PT-65D	68	F		4	2		1							ABP	UC T B E	127x 76x 42	2	54	15.9	1.35
RPT-65E	63	F		1.2	4.5					0.5				ABP	UC T B E	127x 76x 28	2	63	16.0	1.35
RPT-65F	66	F		1.2	4.5						0.5			ABP	UC T B E	127x 76x 28	2	63	16.0	1.35
RPT-65G	66	F		1.2	0.5		2.25							ABP	UC T B E	127x 76x 28	2	63	16.0	1.35
PPT-125A	99	F	12.5	10	0.63									ABJP	UC T B E	127x 76.2x 34.6	3	36	14.3	0.79
PPT-125B	124	F		14.38	3.75						0.63			ABJP	UC T B E	127x 76.2x 34.6	3	36	14.3	0.79
PPT-125C	125	F		13.75		3.13						0.63		ABJP	UC T B E	127x 76.2x 34.6	3	36	14.3	0.79
PPT-125D	126	F		8.75	0.63		3.13							ABJP	UC T B E	127x 76.2x 34.6	3	36	14.3	0.79
PPQ-1003A	109	F	10	10	2					0.3				ABJP	UC T B E	177.8x 107.95x 38	3	24	15.5	1.34
PPQ-1003B	111	F	10	10	2						0.3			ABJP	UC T B E	177.8x 107.95x 38	3	24	15.5	1.34
PPQ-1003C	110	F	10	10		1.5						0.3		ABJP	UC T B E	177.8x 107.95x 38	3	24	15.5	1.34
PPQ-1003D	114	F	10	10	2		0.3							ABJP	UC T B E	177.8x 107.95x 38	3	24	15.5	1.34
PPQ-100B	101	F		10	3.4					0.6	0.6			ABJP	UC T B E	177.8x 107.95x 38	3	24	15.9	1.34
PPQ-100C	101	F		10		2.6				0.6		0.6		ABJP	UC T B E	177.8x 107.95x 38	3	24	15.9	1.34
PPQ-100D	102	F		8	0.6		2				0.6			ABJP	UC T B E	177.8x 107.95x 38	3	24	15.9	1.34

# External Switching Power Supply



## Charger (Single Output)

Model	W	Input (Note 1)	Single Output Rated Current (A)																Features (Note 2)	Safety (Note 3)													
			4.2V	5.6V	7.2V	8.4V	13.5V	13.6V	13.8V	14.3V	14.4V	16.8V	27V	27.2V	27.6V	28.6V	28.8V	54V			54.4V	55.2V	57.6V										
GC30○-P1J	30	F	4	3.99	3	3							2.09	1.6					1.04												ABCPX	L G B E F	
PO-120△-13▽	99	S											7.2																		ABC K:PT	L G B E F	
PO-120△-27▽	119	S																		4.3											ABC K:PT	L G B E F	
PO-120△-54▽	121	S																						2.2							ABC K:PT	L G B E F	
ESC/P-120-□	108	S					8														4					2					ABCPTVW	C U E	
GC120A□-▲	120	F											7.5											4.42					2.21			ABCJP	U L G B E F
GC160A□-▲	160	F											10											5.89				2.95			ABCJP	U L G B E F	
GC220A□-▲	218	F											13.5											8							ABCJP	U L G B E F	
PB-230-□▽	230	F													16																	ABCDGJOW	U L G E
ESC/P-240-□	216	S					16														8											ABCOTVW	C U E
PB-300△-□	300	S																						20.85								ABC K:PTVW	U C B E
PB-360△-□	360	S																						24.3								ABC K:OTVW	U C B E
PB-600-□	600	F																						40								ABCFGJOTVW	U C T B E
PB-1000-□	1000	F																						60								ABCFGJOTVW	U C T B E

★Note : ○ = B : IEC 320-C8, E : European 2P, U : American 2P; ○ = S : Power supply, A : Voltage detector, B : Current detector;  
 △ = P : With PFC, N : None PFC; ▽ = P : Open P.C.B, C : With case; ▲ = R7B, AD1; ▼ = Blank, AD1; □ = Output voltage



## Adaptor — Desktop (Single Output) / (Multiple Output)

Model	W	Input (Note 1)	Single Output Rated Current (A)											Features (Note 2)	Safety (Note 3)	Dimension (LxWxH) (mm)	War. (Years)	Packing					
			5V	7.5V	9V	12V	15V	18V	19V	20V	24V	28V	48V					pcs	kg				
GS15○-□P1J	15	F	2.4	1.6	1.66	1.25	1	0.83						0.62	0.31	ABPUij	L G B E F	100x 58.5x 32.8	2	90	18		
GS18○□-P1J	18	F	3	2	2	1.5	1.2	1						0.75	0.64	0.375	ABPUij	L G B P E F C I	93x 54x 36	2	60	15	
GS25○□-P1J	25	F	4	2.93	2.77	2.08	1.66	1.38						1.04	0.89	0.52	ABPUij	L G B P E F C I	93x 54x 36	2	60	15	
GS40A□-P1J	40	F	5	5.34	4.45	3.34	2.67	2.22						1.67		0.84	ABPij	L G B P E F C I	125x 50x 31.5	2	40	12.02	
GS60A□-P1J	60	F	6	6	6	5	4	3.33						2.5		1.25	ABCPij	L G B P E F C I	125x 50x 31.5	2	40	13.02	
GS90A□-P1M	90	F				6.67	6							4.74		3.75	1.87	ABCJPij	L G B P E F C I	145x 60x 32	2	30	14.05
GS120A□-R7B	120	F				8.5	7							6	5	2.5	ABCJPij	L G B P E F C I	167x 67x 35	2	20	13.4	
GS160A□-R7B	160	F				11.5	9.6							8	6.67	3.34	ABCJPij	L G B P E F C I	175x 72x 35	2	20	14.2	
GS220A□-R7B	220	F				15	13.4							11	9.2	4.6	ABCJPij	L G B P E F C I	210x 85x 46	2	12	14.2	

Model	W	Input (Note 1)	Multiple Output Rated Current (A)					Features (Note 2)	Safety (Note 3)	Dimension (LxWxH) (mm)	Warranty (Years)	Packing	
			5V	12V	15V	-12V	-15V					pcs	kg
P25○13D-R1B	25	F	2.5	0.8			0.3	ABCP	L G B E	108x 67x 36	1	54	20
P25○14E-R1B	25	F	2.5			0.5		ABCP	L G B E	108x 67x 36	1	54	20
P50A13D-R1B	50	F	4	2			0.5	ABP	L G B E	147x 76x 43	1	36	21
P50A14E-R1B	50	F	4		1.5		0.5	ABP	L G B E	147x 76x 43	1	36	21

★Note : Inlet style △ = A : IEC 320-C14, B : C8, C : C6; ○ = A : IEC 320-C14, B : C8; □ = Output voltage



## Adaptor — Medical Desktop (Single Output)

Model	W	Input (Note 1)	Single Output Rated Current (A)											Features (Note 2)	Safety (Note 3)	Dimension (LxWxH) (mm)	War. (Years)	Packing	
			3.3V	5V	7.5V	9V	12V	15V	18V	24V	28V	48V	pcs					kg	
MES30△-□P1J	30	F	5	5	3.33	3.33	2.5	2	1.66	1.25	1.07	0.62	ABCPU+	U C V B E	108x 67x 36	2	54	20	
MES50A-□P1J	50	F	7.5	7.5	5.33	5	4.16	3.33	2.77	2.08	1.78	1.04	ABCPU+	U C V B E	147x 75.5x 43.2	2	36	21	

★Note : Inlet style △ = A : IEC 320-C14, B : C8, C : C6; □ = Output voltage

## Optional DC Plug List:

★Note : MOQ is varied for different models

Tuning Fork Style	Type	A	B	C	Barrel Style	Type	A	B	C	DIN 5 Pin	Type	Pin Assignment	DIN 4 Pin with Lock	Type	Pin Assignment				
	P1I	5.5	2.1	9.5		P2I	5.5	2.1	9.5		R1B	Single		R7B	PIN No.	Output			
	P1J	5.5	2.1	11		P2J	5.5	2.1	11			1			COM	COM	1	+Vout	
	P1L	5.5	2.5	9.5		P2L	5.5	2.5	9.5			2			COM	COM	2	GND	
	P1M	5.5	2.5	11		P2M	5.5	2.5	11			3			Vout	+5V	3	GND	
														4	COM	-Vout	4	+Vout	

# External Switching Power Supply



## Adaptor — Wall-mounted (Single Output)

Model	W	Input (Note 1)	Single Output Rated Current (A)									Features (Note 2)	Safety (Note 3)	Dimension (LxWxH) (mm)	War. (Years)	Packing		
			5V	7.5V	9V	12V	15V	18V	24V	28V	48V					pcs	kg	
GS05U-USB	5	F	1										ABCPXiI	LF	41.86x 32.76x 23.8	2	300	10.3
GS06U-□P1J	6	F	1	0.8	0.66	0.5	0.4	0.33	0.25		0.125		ABPUXij	LBEEF	32x 66x 42.5	2	110	12
GS12U-□P1I	12	F	2	1.6	1.33	1	0.8	0.67	0.5				ABCPXij	LBFI	65x 47x 26.5	2	100	16
GE12I-□P1J	12	F	2	1.33	1.33	1	0.8	0.83	0.625				ABPXij	LGA B C E F	70.7x 40x 38.8	2	60	6.88
GS15U-□P1J	15	F	2.4	1.6	1.66	1.25	1	0.83	0.62		0.31		ABPUXij	GLBEF	34x 71x 50	2	84	14
GS18U-□P1J	18	F	3	2	2	1.5	1.2	1	0.75	0.64	0.375		ABPUXij	LBFI	79x 54x 33	2	60	13.5
GE18I-□P1J	18	F	2.4	1.73	2	1.5	1.2	1	0.75		0.375		ABPUXij	LGA B C E F	81x 43x 40.5	2	60	12.32
GE24I-□P1J	24	F	3	2	2.22	2	1.6	1.33	1		0.5		ABPUXij	LGA B C E F	81x 43x 40.5	2	60	12.32
GS25U-□P1J	25	F	4	2.93	2.77	2.08	1.66	1.38	1.04	0.89	0.52		ABPUXij	LBFI	79x 54x 33	2	60	13.5
GS06E-□P1J	6	F	1	0.8	0.66	0.5	0.4	0.33	0.25		0.125		ABPUXij	GBEEF	32x 66x 42.5	2	90	10
GS12E-□P1J	12	F	2	1.6	1.33	1	0.8	0.67	0.5				ABCPUXij	GBE	65x 47x 26.5	2	100	16
GS15E-□P1J	15	F	2.4	1.6	1.66	1.25	1	0.83	0.62		0.31		ABPUXij	GBE	34x 71x 50	2	60	12
GS18E-□P1J	18	F	3	2	2	1.5	1.2	1	0.75	0.64	0.375		ABPUXij	GBE	79x 54x 33	2	60	13.5
GS25E-□P1J	25	F	4	2.93	2.77	2.08	1.66	1.38	1.04	0.89	0.52		ABPUXij	GBE	79x 54x 33	2	60	13.5

★ Note : AC Input Plug Style U: American 2P; E: European 2P; I: Interchangeable AC plug

## Interchangeable AC Plug: (for GE12I, GE18I, and GE24I)

AC Plug Type	Australian Type	U.K. Type	European Type	U.S. Type
AC Plug Order No.	AC Inlet-AU	AC Inlet-UK	AC Inlet-EU	AC Inlet-US

★ Note : Main body unit and AC plug should be ordered separately; The main body needs to be used along with any of the AC plug.

## DC-DC Converter



### Module Type (Single Output)

Model	W	Input (VDC)	Single Output Rated Current (mA)						Features (Note 2)	Safety (Note 3)	Dimension (LxWxH) (inch)	War. (Years)	Case Packing
			3.3V	5V	9V	12V	15V	24V					
SRS-◇□	0.5	◇ = 05, 12, 24, 48		100	56	42	34		APc		0.89"x 0.39"x 0.33"	2	DIP16
SUS01○-□	1			200	111	84	67		APc		0.89"x 0.39"x 0.33"	2	DIP16
SBT01△-□	1	△ = L, M		200	111	84	67		APc	UC	0.5"x 0.3"x 0.24"	1	SMD
SFT01▽-□	1	▽ = L, M, N		200	111	84	67		APe	UC	0.6"x 0.3"x 0.24"	1	SMD
SPR01○-□	1	○ = L, M, N, O		200	100	84	67		APc	E F	0.77"x 0.28"x 0.4"	2	SIP7
SMU01▽-□	1	L: 5V±10%; M: 12V±10%		200	110	84	67		Apd	E F	0.5"x 0.4"x 0.28"	2	SIP4
SMA01▽-□	1	N: 24V±10%; O: 48V±10%		200	110	84	67		Apd	E F	0.5"x 0.4"x 0.28"	2	DIP7
SPU02▽-□	2			400		167	133		APe	E F	0.77"x 0.28"x 0.4"	2	SIP7
SPA02▷-□	2	○ = A, B, C		400		167	133		AGP a b c d e	E F	0.86"x 0.36"x 0.44"	2	SIP8
SPB03▷-□	3	▷ = A, B, C, E		600		250	200		AGP a b c	E F	0.86"x 0.36"x 0.44"	2	SIP8
SCW03○-□	3	A: 9V~18V		600		250	200		AP a b c e g	E F	1.25"x 0.8"x 0.48"	2	DIP24
SCW05○-□	5	B: 18V~36V		1000	556	470	400		AP a b c e g	E F	1.25"x 0.8"x 0.48"	2	DIP24
SLW05○-□	5	C: 36V~72V		1000	556	417	333		AP a b c e h	E F	2"x 1"x 0.44"	2	DIP2"x 1"
SCW08○-□	8	E: 4.5V~9V		1600		670	533		AGP a c g	E F	1.25"x 0.8"x 0.48"	2	DIP24
SKE10○-□	10			2000		840	666	420	AP a b c d e h	E F	2"x 1"x 0.44"	2	DIP2"x 1"
SCW12○-□	12			2400		1000	800		AP a d g	E F	1.25"x 0.8"x 0.48"	2	DIP24
SKM15○-□	15			3000		1250	1000		ABGP a d h	E F	1"x 1"x 0.39"	2	DIP1"x 1"
SKA15○-□	15			3000	3000	1250	1000		AP a b c e h	E F	2"x 1"x 0.44"	2	DIP2"x 1"
SKE15○-□	15			3000		1250	1000	625	AP a b c e h	E F	2"x 2"x 0.43"	2	DIP2"x 2"
SDM30-12S□	30	9.2V ~ 18V		5000	5000	2100	1700		ABGP a c	E	2"x 2"x 0.63"	1	DIP2"x 2"
SDM30-24S□	30	18V ~ 36V		5000		2500	2000		ABGP a c	E	2"x 2"x 0.63"	1	DIP2"x 2"
SDM30-48S□	30	36V ~ 72V		5000		2500	2000		ABGP a c	E	2"x 2"x 0.63"	1	DIP2"x 2"
SKA40○-□	40	○ = A, B, C A: 9V~18V; B: 18V~36V; C: 36V~75V		7000		3330	2670		ABGHP a d	E F	2"x 2"x 0.43"	2	DIP2"x 2"

★ Note : □ = Output voltage



## Module Type (Multiple Output)

Model	W	Input (VDC)	Multiple Output Rated Current (mA)					Features (Note 2)	Safety (Note 3)	Dimension (LxWxH)	War. (Years)	Case Packing	
			+5V	±5V	±9V	±12V	±15V						±24V
DET01△-□	1	△ = L, M L: 5V±10% M: 12V±10% ○ = A, B, C A: 9V~18V B: 18V~36V C: 36V~72V		±100	±56	±42	±33		<b>A P e</b>	<b>UC</b>	0.6"x 0.3"x 0.24"	1	SMD
DCW03○-□	3		±300			±125	±100		<b>A P a b c i e g</b>	<b>E F</b>	1.25"x 0.8"x 0.48"	2	DIP24
DCW05○-□	5		±500			±230	±190		<b>A P a b c i e g</b>	<b>E F</b>	1.25"x 0.8"x 0.48"	2	DIP24
DLW05○-□	5		±500			±208	±167		<b>A P a b c i e h</b>	<b>E F</b>	2"x 1"x 0.44"	2	DIP2"x 1"
DCW08○-□	8		±800			±335	±267		<b>A P a c g</b>	<b>E F</b>	1.25"x 0.8"x 0.48"	2	DIP24
DKE10○-□	10		±1000			±420	±333	±210	<b>A P a b c i e h</b>	<b>E F</b>	2"x 1"x 0.44"	2	DIP2"x 1"
DCW12○-□	12		±1200			±500	±400		<b>A G P a d g</b>	<b>E F</b>	1.25"x 0.8"x 0.48"	2	DIP24
DKA15○-□	15		±1500			±625	±500		<b>A P a b c i e h</b>	<b>E F</b>	2"x 1"x 0.44"	2	DIP2"x 1"
DKE15○-□	15		±1500			±625	±500	±313	<b>A P a b c i e h</b>	<b>E F</b>	2"x 1"x 0.43"	2	DIP2"x 2"
DKA30○-□	30		±2500			±1250	±1000		<b>A P a b c h</b>	<b>E F</b>	2"x 2"x 0.82"	2	DIP2"x 2"
TKA30○-□	25	3500			±310	±250		<b>A P a b c h</b>	<b>E F</b>	2"x 2"x 0.82"	2	DIP2"x 2"	

## On Board Type (Single Output) / (Multiple Output)



Model	W	Input (VDC)	Single Output Rated Current (A)					Features (Note 2)	Safety (Note 3)	Dimension (LxWxH) (mm)	War. (Years)	Packing		
			3.3V	5V	9V	12V	15V					24V	pcs	kg
NSD05-12S□	5	12: 9.2V~36V	1.2	1		0.42	0.33	<b>ABGPbc</b>	<b>B E</b>	40.6x 25.4x 8.3	2	700	5.9	0.97
NSD05-48S□		48: 18V~72V	1.2	1		0.42	0.33	<b>ABGPbc</b>	<b>B E</b>	40.6x 25.4x 8.3	2	700	5.9	0.97
NSD10-12S□	10	12: 9.8V~36V	2.5	2	1.1	0.83	0.67	<b>ABGPbc</b>	<b>UC E</b>	50.8x 24.5x 10	2	300	7	0.97
NSD10-48S□		48: 22V~72V	2.5	2	1.1	0.83	0.67	<b>ABGPbc</b>	<b>UC E</b>	50.8x 24.5x 10	2	300	7	0.97
NSD15-12S□	15	12: 9.4V~36V	3.75	3		1.25	1	<b>ABGPQbd</b>	<b>UC E</b>	50.8x 38.1x 9.82	2	180	6.4	0.97
NSD15-48S□		48: 18V~72V	3.75	3		1.25	1	<b>ABGPQbd</b>	<b>UC E</b>	50.8x 38.1x 9.82	2	180	6.4	0.97
NID30S24-□	30	20~53V		2.5		2.5	2	<b>ABGP</b>		50.8x 13x 10.7	2	---	---	---
NID30S48-□	30	30~53V					1.25	<b>ABGP</b>		50.8x 13x 10.7	2	---	---	---
NID60S24-□	60	20~53V		4		4	4	<b>ABGP</b>		50.8x 26x 10.7	2	---	---	---
NID60S48-□	60	30~53V					2.5	<b>ABGP</b>		50.8x 26x 10.7	2	---	---	---

Model	W	Input (VDC)	Multiple Output Rated Current (A)			Features (Note 2)	Safety (Note 3)	Dimension (LxWxH) (mm)	War. (Years)	Packing		
			±5V	±12V	±15V					pcs	kg	CUFT
NSD10-12D□	10	12: 9.8V~36V	±1	±0.42	±0.33	<b>ABGPbc</b>	<b>UC E</b>	50.8x 24.5x 10	2	300	7	0.97
NSD10-48D□		48: 22V~72V	±1	±0.42	±0.33	<b>ABGPbc</b>	<b>UC E</b>	50.8x 24.5x 10	2	300	7	0.97
NSD15-12D□	15	12: 9.4V~36V	±1.5	±0.62	±0.5	<b>ABGPQbd</b>	<b>UC E</b>	50.8x 38.1x 9.82	2	180	6.4	0.97
NSD15-48D□		48: 18V~72V	±1.5	±0.62	±0.5	<b>ABGPQbd</b>	<b>UC E</b>	50.8x 38.1x 9.82	2	180	6.4	0.97



## Open Frame Type (Single Output)

Model	W	Input (VDC)	Single Output Rated Current (A)			Features (Note 2)	Safety (Note 3)	Dimension (LxWxH) (mm)	War. (Years)	Packing		
			5V	12V	24V					pcs	kg	CUFT
PSD-05-□	5	○ = A, B, C;	1	0.45	0.22	<b>ABCPak</b>	<b>E</b>	75x 40x 20	2	120	6.25	1.0
PSD-15○-□	15	A: 9.2V~18V,	3	1.25	0.6	<b>ABPak</b>	<b>E</b>	94x 49x 25	2	120	10.72	0.91
PSD-30○-□	30	B: 19V~36V,	5	2.5	1.25	<b>ABPad</b>	<b>E</b>	101.6x 50.8x 30	2	84	12.6	0.82
PSD-45○-□	45	C: 36V~72V	9	3.75	1.875	<b>ABPad</b>	<b>B E</b>	127x 76x 30	2	72	15.6	1.35

★Note : □ = Output voltage

## Enclosed Type (Single Output)



Model	W	Input (VDC)	Single Output Rated Current (A)				Features (Note 2)	Safety (Note 3)	Dimension (LxWxH) (mm)	War. (Years)	Packing		
			5V	12V	24V	48V					pcs	kg	CUFT
SD-15○-□	15	○ = A, B, C	3	1.25	0.625		<b>ABPak</b>	<b>E</b>	79x 51x 28	2	60	11.8	0.46
SD-25○-□	25	△ = B, C, D	5	2.1	1.1		<b>ABPad</b>	<b>E</b>	99x 97x 36	2	45	17.8	0.9
SD-50○-□	50	A: 9.2V~18V, B: 19V~36V,	10	4.2	2.1		<b>ABPad</b>	<b>E</b>	159x 97x 38	2	24	12.7	0.75
SD-100△-□	100	C: 36V~72V	20	8.5	4.2		<b>ABPad</b>	<b>E</b>	199x 98x 38	2	20	13.8	0.8
RSD-100▲-□	100	D: 72V~144V ▽ = L, H	20	8.4	4.2		<b>ABPast</b>	<b>E</b>	161x 68x 36	3	24	15.4	0.98
SD-150△-□	150	L: 19V~72V		12.5	6.3		<b>ABPad</b>	<b>E</b>	199x 110x 50	2	16	14.5	0.95
SD-200△-□	200	H: 72V~144V	34	16.7	8.4	4.2	<b>ABCPad</b>	<b>E</b>	215x 115x 50	2	12	14.4	0.92
SD-350△-□	350	▲ = B, C, D	57	27.5	14.6	7.3	<b>ABCOad</b>	<b>E</b>	215x 115x 50	2	12	14.4	0.92
SD-500▽-□	500	B: 16.8V~31.2V C: 33.6V~62.4V	40	21	10.5		<b>ABCFGHOabk</b>	<b>B E</b>	215x 115x 50	3	12	14.8	0.92
SD-1000▽-□	1000	D: 67.2V~143V	60	40	21		<b>ABCFGHOabk</b>	<b>B E</b>	295x 127x 41	3	6	12.7	0.99

★Note : □ = Output voltage

# DC-AC Power Inverter



## Inverter — Modified Sine Wave



Model	Wattage (Continuous)	Surge Power	Input (VDC)	Output (VAC)	Features (Note 2)	Safety (Note 3)	Dimension (LxWxH) (mm)	Warranty (Years)
A30□-100-F3	100	200	□ = 1, 2 1: 10V~15V 2: 21V~30V	B : 110VAC (fix) F : 230VAC (fix) □ : 2,3,4,5,6 (option) 2 : USA output 3 : Europe output 4 : Universal output 5 : Australian output 6 : U.K. output	ABC P V W I	E1 E	170x 65Ø	1
A30□-150-B2	150	300			ABC P T V W	E1 E	122x 73x 45	1
A30□-150-F□	150	300			ABC P T V W	E1 E	165x 94x 69	1
A30□-300-B2	300	600			ABC D O T V W	E1 E	165x 88x 74	1
A30□-300-F□	300	600			ABC D O T V W	E1 E	165x 88x 74	1
A30□-600-B2	600	1200			ABC D O T V W	E1 E	210x 173x 65	1
A30□-600-F□	600	1200			ABC D O T V W	E1 E	210x 173x 65	1
A30□-1K0-B2	1000	2400			ABC D G O T V W	E1 E	310x 210x 85	1
A30□-1K0-F□	1000	2400			ABC D G O T V W	E1 E	310x 210x 85	1
A30□-1K7-B2	1500	3000			ABC D G O T V W	E1 E	455x 210x 85	1
A30□-1K7-F□	1500	3000			ABC D G O T V W	E1 E	455x 210x 85	1
A30□-2K5-B4	2500	5000			ABC D G O T V W	E1 E	430x 210x 159	1
A30□-2K5-F□	2500	5000			ABC D G O T V W	E1 E	430x 210x 159	1

## Inverter — Modified Sine Wave with MPPT Solar Charger



Model	Wattage (Continuous)	Surge Power	Input (VDC)	Output (VAC)	Features (Note 2)	Safety (Note 3)	Dimension (LxWxH) (mm)	Warranty (Years)
ISI-500-1△□	500	1000	△ = 12, 24, 48 12 : 10.5V~15V 24 : 21V~30V 48 : 42V~60V	1 : 110VAC(fix) 2 : 230VAC(fix) □ = A, B, C, D, E, U	ABC D O T V W u	E F	205x 158x 67	2
ISI-500-2△□	500	1000						

## Inverter — True Sine Wave



Model	Wattage (Continuous)	Surge Power	Input (VDC)	Output (VAC)	Features (Note 2)	Safety (Note 3)	Dimension (LxWxH) (mm)	Warranty (Years)
TS-200-1△○	200	400	△ = 12, 24, 48 12 : 10.5V~15V 24 : 21V~30V 48 : 42V~60V	1 : 100~120VAC(adjustable) 2 : 200~240VAC(adjustable) ○ = A, E, F A : USA output receptacle E : Japan output receptacle F : GFCI output receptacle □ = B, C, D B : Europea output receptacle C : Australia output receptacle D : U.K. output receptacle	ABC G P T V W m	E2 E F	205x 158x 59	3
TS-200-2△□	200	400			ABC G P T V W m	E2 E F	205x 158x 59	3
TS-400-1△○	400	800			ABC E G O T V W m	E2 E F	205x 158x 67	3
TS-400-2△□	400	800			ABC E G O T V W m	E2 E F	205x 158x 67	3
TS-700-1△○	700	1400			ABC D E O T V W m n	E2 E F	295x 184x 70	3
TS-700-2△□	700	1400			ABC D E O T V W m n	E2 E F	295x 184x 70	3
TS-1000-1△○	1000	2000			ABC D E O T V W m n	E2 E F L	345x 184x 70	3
TS-1000-2△□	1000	2000			ABC D E O T V W m n	E2 E F L	345x 184x 70	3
TS-1500-1△○	1500	3000			ABC E O T V W m n	E2 E F L	420x 220x 88	3
TS-1500-2△□	1500	3000			ABC E O T V W m n	E2 E F L	420x 220x 88	3
TS-3000-1△○	3000	6000			ABC E O T V W m n	E2 E F L	466.8x 283.5x 100	3
TS-3000-2△□	3000	6000			ABC E O T V W m n	E2 E F L	466.8x 283.5x 100	3

## Inverter — True Sine Wave with Solar Charger



Model	Wattage (Continuous)	Surge Power	Input (VDC)	Output (VAC)	Features (Note 2)	Safety (Note 3)	Dimension (LxWxH) (mm)	Warranty (Years)
TN-1500-1△○	1500	3000	△ = 12, 24, 48 12 : 10.5V~15V 24 : 21V~30V 48 : 42V~60V	1 : 100~120VAC(adjustable) 2 : 200~240VAC(adjustable) ○ = A, E, F A : USA output receptable E : Japan output receptable F : GFCI output receptable □ = B, C, D B : Europe output receptable C : Australia output receptable D : U.K. output receptable	ABC E O T V m n o p q	E2 E F L	420x 220x 88	3
TN-1500-2△□	1500	3000			ABC E O T V m n o p q	E2 E F L	420x 220x 88	3
TN-3000-1△○	3000	6000			ABC E G O T V W m n o p q	E2 E F L	466.8x 283.5x 100	3
TN-3000-2△□	3000	6000			ABC E G O T V W m n o p q	E2 E F L	466.8x 283.5x 100	3

## Inverter Remote Controller — IRC Series

IRC series is the monitoring and control unit used for the inverter series. It can decode the RS-232 signal sent by inverter series and display through digital meters. IRC series can also turn ON/OFF of inverter remotely that make the basic control more easily.

### Feature

- Wall-mounted and control panel assembly acceptable
- Built-in ON/OFF button
- LED indicators for remote ON/OFF, abnormal, and power saving mode
- Equipped with 10FT cable, optional for 25FT or 50FT
- Connect directly to the remote socket of inverter; no power supply needed

- Suitable series:  
IRC1: TS-700 / 1000 / 1500 / 3000 , TN-1500 / 3000  
IRC2: TS-700 / 1000 / 1500 / 3000  
IRC3: TN-1500 / 3000
- 3 years warranty



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