

ONE STOP SHOPPING for ALL THE POWER 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



Your Reliable Power Partner

Quick Selection

AC-DC POWER SUPPLY	Enclosed Switching Power Supply	High Reliability Miniature	G3	1	
		Economical Miniature	NE	2	
		Traditional Safety	SE	2	
		High Reliability with PFC Function	PFC		2
					3
					4
		DIN Rail		4	
	Security Series with UPS Function		5		
	Modular Power		5		
	LED Power Supply	PFC		6	
		PFC / Non PFC		7	
	Open Frame Switching Power Supply	Medical PCB Type		8	
		On Board Type		8	
		General Type		9	
External Switching Power Supply	Charger		10		
	Adaptor	Desktop	10		
		Medical Desktop	10		
		Wall-mounted	11		
DC-DC CONVERTER	Module Type		11		
	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		
	Remote Controller		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 180~480VAC or 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	and can be adjusted from -5~+10%	i - Meet EISA 2007
C - Over temperature protection	S - No minimum load required for CH 2,3 and can be adjusted from -5~+5%	(Energy Independence and Security Act)
D - Fan ON/OFF auto control	T - Built-in ON/OFF power switch	j - ErP step 2 compliant
E - Fan speed control	U - Full output 5~48V safety approval	k - 2000VAC I/O isolation
F - PF / PG or DC OK signal output	V - Battery-low protection	l - Built-in USB interface
G - Remote control	W - Battery polarity protection	m - Output voltage / frequency adjustable
H - Remote sense	X - Isolation class II	n - Standby saving mode to conserve energy
I - Parallel function	Y - High IP level	o - Built-in AC circuit breaker
J - Active PFC	Z - Dimming function	p - Built-in solar/AC charger
K - Passive PFC	a - 2:1 wide input range	q - UPS mode and energy saving mode (selectable)
L - 5G anti-vibration capability	b - 4:1 wide input range	r - Class 2 power unit
M - Fan alarm function	c - 1000VDC I/O isolation	s - 4000VDC I/O isolation
N - 5V or 12V auxiliary output	d - 1500VDC I/O isolation	t - Comply with EN50155 railway standard
O - Cooling by built-in DC fan	e - 3000VDC I/O isolation	u - Built-in MPPT solar charger
P - Cooling by free air convection	f - Hot Swap and Or-ing diode	+
Q - Output voltage can be adjusted by external control source	g - Five-sided shield metal case	☑
		(☐) Optional function

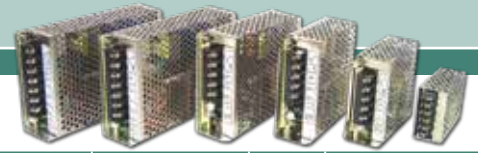
★ **Note 3 :** Safety Standard ("B" means the safety is pending)

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.

★ Please refer to www.meanwell.com for more detail information about our products

Enclosed Switching Power Supply



NE 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	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

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	



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
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
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	ABCFGH O	UC	278x 127x 63.5	2	6	16.0	1.38
SE-1500-□	1500	S		300			125		100	62.5	55.6		31.3	ABCFGH O	UC	278x 177.8x 63.5	2	4	14.2	1.14



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				ABC G J L P	UC T B E	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				ABC G J L P	UC T B E	159x 97x 38	5	24	10.1	0.76
HRP-150-□	150	F	30	26	20	13	10	6.5	4.3	3.3				ABC H J L P	UC T B E	159x 97x 38	5	24	15.6	0.76
HRPG-150-□	150	F	30	26	20	13	10	6.5	4.3	3.3				ABC G H J L N P	UC T B E	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				ABC H J L P	UC T B E	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				ABC G H J L N P	UC T B E	199x 98x 38	5	18	14.9	0.81
HRP-300-□	300	F	60	60	40	27	22	14	9	7				ABC D F H J L O	UC T B E	199x 105x 41	5	15	15.3	0.69
HRPG-300-□	300	F	60	60	40	27	22	14	9	7				ABC D F G H J L N O	UC T B E	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				ABC D F H J L O	UC T B E	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				ABC D F G H J L N O	UC T B E	218x 105x 41	5	12	15.3	0.82
HRP-600-□	600	F	120	120	80	53	43	27	17.5	13				ABC D F H J L O	UC T B E	218x 105x 63.5	5	8	13.0	1.34
HRPG-600-□	600	F	120	120	80	53	43	27	17.5	13				ABC D F G H J L N O	UC T B E	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-1500-□	1500	F	125	63	32	ABCGHIJNOQ	UC T B E	278x 127x 83.5	3	6	16.6	1.54



PFC Series (Single Output)/(Dual 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	3.8V	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	A B J P	UC T B E	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	A B G J P	UC T B E	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	A B C G J P	UC T B E	199x 99x 50	3	20	16.4	
USP-150-□	150	F						12.5		10	6.3				4.2	A B C J P	E	215x 67.4x 33	3	24	12.5	
HSP-150-□	150	F	30		30	30										A B C H J P	UC T B E	220x 62x 32	3	24	15.6	
SP-200-□	200	F	40			40	26.7	16.7	14.9	13.4	8.4	7.5			4.2	A B C E G J O	UC T B C E	199x 99x 50	3	20	17.9	
USP-225-□	225	F	40			40		18.7		15	9.4				4.7	A B C J	UC T B E	202x 101.5x 38	3	16	14.6	
SP-240-□	240	F				45	32	20		16	10			8	5	A B C D J O	UC T B E	190x 93x 50	3	18	15.4	
HSP-250-□	250	F	50		50	50										A B C D H J O	UC T B E	199x 105x 41	3	15	15.6	
MSP-300-□	300	F	60			60	40	27		22	14			9	7	ABCFDGHJLNO+	UC V B E	199x 105x 41	5	15	15.3	
SP-320-□	320	F	55			55	40	25	22	20	13	11.7		8.8	6.7	A B C E J O	UC T B E	215x 115x 50	3	12	14.0	
USP-350-□	350	F	70			70		29.2		23.4	14.6				7.3	A B C J	UC T B E	235.2x 101.5x 38	3	16	18.0	
SP-480-□	480	F	85			85		40		32	20				10	A B C G H J O	UC T B E	278x 127x 43	3	6	11.3	
SP-500-□	500	F						40	36	32	20	18			10	A B C D G J O	UC T B E	170x 120x 93	3	8	15.5	
USP-500-□	500	F				80		42		33.5	21				10.5	A B C F G H J	UC T B E	254x 127x 41	3	6	10.6	
PSP-600-□	600	F				80		50	44.5	40	25	22.2			12.5	ABCFGHIJO	UC T B E	170x 120x 93	3	8	15.5	
SP-750-□	750	F				120		62.5		50	31.3	27.8			15.7	ABCFGHJO	UC T B E	278x 127x 63.5	3	6	18.4	
RSP-750-□	750	F				100		62.5		50	31.3	27.8			15.7	ABCFGHJMNOQ	UC T B E	250x 127x 41	3	6	10.8	
RSP-1000-□	1000	F				60		50	40	37					21	ABCFGHIJNOQ	UC T B E	295x 127x 41	3	6	12.7	
RCP-1000-□	1000	F				60			40						21	ABCFGHIJNOQf	UC T B E	295x 127x 41	3	6	12.5	
RSP-1500-□	1500	F				240		125		100	63	56			32	ABCFGHIJNOQ	UC T B E	278x 127x 83.5	3	6	19.5	
RSP-2000-□	2000	F						100		80					42	ABCEFGHIJNOQ	UC T B E	295x 127x 41	3	6	12.7	
RCP-2000-□	2000	F						100		80					42	ABCFGHIJNOQf	UC T B E	295x 127x 41	3	6	13.0	
RSP-2400-□	2400	230						166.7		100					50	ABCEFGHIJMNQ	UC T B E	278x 177.8x 63.5	3	4	14.2	
RSP-3000-□	3000	230						200		125					62.5	ABCEFGHIJMNQ	UC T B E	278x 177.8x 63.5	3	4	16.0	

Model	W	Input (Note 1)	Dual Output Rated Current (A)		Features (Note 2)	Safety (Note 3)	Dimension (LxWxH) (mm)	War. (Years)	Packing		
			2.8V	3.8V					pcs	kg	CUFT
HDP-190-□	190	F	22	40	A B C J P	UC T B E	215x 115x 36	3	15	15.3	0.7
HDP-240-□	240	F	27.5	50	A B C J O	UC T B E	215x 115x 36	3	15	16.0	0.7



PFC Series (Triple 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				A B J P	UC T B E	179x 99x 33	3	20	12.7	0.64
TP-75B	76	F		7	3					0.4				A B J P	UC T B E	179x 99x 33	3	20	12.7	0.64
TP-75C	75	F		6		2.5					0.5			A B J P	UC T B E	179x 99x 33	3	20	12.7	0.64
TP-75D	76	F		7	0.4		1.5							A B J P	UC T B E	179x 99x 33	3	20	12.7	0.64
TP-7503	75	F	8	9	0.3									A B J P	UC T B E	179x 99x 33	3	20	12.7	0.64
TP-100A	101	F		10	4					0.6				A B C J P	UC T B E	199x 99x 50	3	20	17.6	1.28
TP-100B	105	F		10	4					0.6				A B C J P	UC T B E	199x 99x 50	3	20	17.6	1.28
TP-100C	104	F		10		3				0.6				A B C J P	UC T B E	199x 99x 50	3	20	17.6	1.28
TP-100D	105	F		10	0.6		2							A B C J P	UC T B E	199x 99x 50	3	20	17.6	1.28
TP-150A	150	F		15	6					0.6				A B C J O	UC T B E	199x 99x 50	3	20	19.0	1.28
TP-150B	148	F		15	5.5					0.6				A B C J O	UC T B E	199x 99x 50	3	20	19.0	1.28
TP-150C	152	F		15		4.5				0.6				A B C J O	UC T B E	199x 99x 50	3	20	19.0	1.28
TP-150D	154	F		15	0.6									A B C J O	UC T B E	199x 99x 50	3	20	19.0	1.28

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			2.5	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	2.7	A B G	3



LED Series (with PFC) — Metal Case: HLG / HSG / HVG / 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	18V	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	UC 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	UC 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	UC 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	UC U T B P E	195.6x 61.5x 38.8	3	16	14.8	0.54
HSG-70-□	70	277	5		4		3			2		1.5		ABCJPY	E	127.2x 90x 38.8	3	16	12.3	0.57
CEN-75-□	75	277		5		3.75	3.15		2.5	2.1	1.8	1.57	1.4	ABCJPYr	UC 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	ABCJPYZr	UC 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	UC 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	UC U T B P E	222.2x 68x 38.8	3	12	13.0	0.49
HLG-100H-□	96	277				4.8	4		3.2	2.65	2.28	2	1.77	ABCJPYZr	UC T B P E	220x 68x 38.8	5	12	14.4	0.76
HVG-100-□	96	W		5		4.8	4		3.2	2.65	2.28	2	1.77	ABCJPYZr	UC U F	236x 68x 38.8	5	12	15.2	0.74
HLG-120H-□	120	277	10	8		6	5		4	3.4	2.9	2.5	2.3	ABCJPYZ	UC 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	UC T B P E	222.2x 68x 38.8	3	12	13.0	0.49
HLG-150H-□	150	277	12.5	10		7.5	6.3		5	4.2	3.6	3.2	2.8	ABCJPYZ	UC 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	UC T B P E	228x 68x 38.8	5	12	14.8	0.76
HLG-240H-□	240	277	16	15		12	10		8	6.7	5.72	5	4.45	ABCJPYZ	UC 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	UC T B E	252x 90x 42	5	8	16.0	0.83

LED Series (with PFC) — Metal Case: HVGC / HLG-C Series



Model	W	Input (Note 1)	Single Output Voltage (VDC)		Features (Note 2)	Safety (Note 3)	Dimension (LxWxH) (mm)	Warranty (Years)	Packing		
			350mA	700mA					pcs	kg	CUFT
HLG-60H-C□	70	277	100~200	50~100	ABCJPYZ	UC U T E	171x 61.5x 36.8	5	20	15.6	0.8
HLG-80H-C□	90	277	154~257	77~129	ABCJPYZ	UC U T E	195.6x 61.5x 38.3	5	16	14.4	0.54
HVGC-100-□	100	W	3~285	3~142	ABCJPYZ	UC T B E F	236x 68x 38.8	5	12	15.2	0.74

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	115, 230	24~48	16~24	12~16	8~12	ABCJPXZ	E F W	84x 57x 29.5	3	72	14.7	0.92
PLD-16-□	16	115, 230	24~48	16~24	12~16	8~12	ACJPXr	UC U E F W	84x 57x 29.5	3	72	14.7	0.92
PCD-25-□	25	115, 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 (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			ABCJPPr	UC T B E	140x 32x 22	2	60	9.2	1.03
PLP-30-□	30	F	2.5				1.3				0.63			ABJPPr	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			ABJPPr	T B E	101.6x 50.8x 29.6	2	96	16.4	0.89
PLP-60-□	60	F	5				2.5				1.3			ABJPPr	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			ABCJPPr	E	215x 67.4x 33	3	24	17.5	0.65



LDD series

- DC/DC 300~1000mA Constant Current LED Driver
- Pin and wire style for choice



LDV-185 series

- 185W Multiple Channel Output with PFC
- 6CH/700mA or 12CH/350mA C.C. output



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		
LPF-16-□	16	277		1.34	1.07			0.8	0.67			0.54	0.45	0.39	0.34	0.3	ABCJPXYr	UC U W B E	148x 40x 32	3	40	9.4
LPF-16D-□	16	277		1.34	1.07			0.8	0.67			0.54	0.45	0.39	0.34	0.3	ABCJPXYZr	UC U W B E	148x 40x 32	3	40	9.4
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
LPF-25-□	25	277		2.1	1.67			1.25	1.05			0.84	0.7	0.6	0.53	0.47	ABCJPXYr	UC U W B E	148x 40x 32	3	40	15.4
LPF-25D-□	25	277		2.1	1.67			1.25	1.05			0.84	0.7	0.6	0.53	0.47	ABCJPXYZr	UC U W B E	148x 40x 32	3	40	15.4
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	ABCJPXYr	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	ABCJPXYZr	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 P 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			ABCJPr	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			ABCJPr	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	ABCJPXYr	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	ABCJPXYZr	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 P 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	ABCJPXYr	UC U T B P 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	ABCJPXYZr	UC U T B P 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			ABCJPr	UC U T B P E	200.5x 69.5x 35	2	25	14.0



LED Series (Non PFC) — Plastic Case: APC / LPHC / LPLC / LPC 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	500mA	700mA	1050mA	1400mA					1750mA	
APC-12-□	12	F	9~36			9~18			ABPXr	UC E	77x 40x 29	2	
APC-16-□	16	F	12~48			9~24			ABPXr	UC U 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	
APC-25-□	25	F	25~70	15~50		11~36	9~24		ABPXr	E	84x 57x 29.5	2	
APC-35-□	35	F	28~100	25~70		15~50	11~33		ABPXr	E	84x 57x 29.5	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



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

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	UC E	77x 40x 29	2	
APV-16-□	16	F	2.6		1.25	1	0.67				ABPXr	UC 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 E	118x 35x 26	2	
APV-25-□	25	F	3.5		2.1	1.68	1.05			0.7	ABPXr	E	84x 57x 29.5	2	
ELN-30-□	30	F	5	3.4	2.5	2	1.25	1.12		0.63	ABPXYZr	UC E	145x 47x 30	2	
APV-35-□	35	F	5		3	2.4	1.5			1	ABPXr	E	84x 57x 29.5	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

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	L F	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	L B E F	32x 66x 42.5	2	110	12
GS12U-□P1I	12	F	2	1.6	1.33	1	0.8	0.67	0.5			ABCPXij	L B F I	65x 47x 26.5	2	100	16
GE12I-□P1J	12	F	2	1.33	1.33	1	0.8	0.83	0.625			ABPXij	L G A 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	G L B E F	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	L B F I	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	L G A 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	L G A 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	L B F I	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	G B E F	32x 66x 42.5	2	90	10
GS12E-□P1J	12	F	2	1.6	1.33	1	0.8	0.67	0.5			ABCPUXij	G B E	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	G B E	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	G B E	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	G B E	79x 54x 33	2	60	13.5

★ Note : AC Input Plug Style U: American 2P; E: European 2P; I: Interchangeable 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: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
SPU03▽-□	3			600		250	200		APe	E F	0.77"x 0.3"x 0.4"	2	SIP7
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		APabceh	E F	2"x 1"x 0.44"	2	DIP2"x1"
SCW08○-□	8	E: 4.5V~9V		1600		670	533		AGPacg	E F	1.25"x 0.8"x 0.48"	2	DIP24
SKE10○-□	10			2000		840	666	420	AP a:b:c: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		ABGPadh	E F	1"x 1"x 0.39"	2	DIP1"x1"
SKA15○-□	15		3000	3000		1250	1000		APabceh	E F	2"x 1"x 0.44"	2	DIP2"x 1"
SKE15○-□	15			3000		1250	1000	625	APabceh	E F	2"x 2"x 0.43"	2	DIP2"x 2"
SKA20○-□	20			4000		1666	1333		ABGPadh	E F	2"x1" x0.44"	2	DIP2"x 1"
SDM30-12S□	30	9.2V ~ 18V	5000	5000		2100	1700		ABGPac	E	2"x 2"x 0.63"	1	DIP2"x 2"
SDM30-24S□	30	18V ~ 36V		5000		2500	2000		ABGPac	E	2"x 2"x 0.63"	1	DIP2"x 2"
SDM30-48S□	30	36V ~ 72V		5000		2500	2000		ABGPac	E	2"x 2"x 0.63"	1	DIP2"x 2"
SKM30○-□	30	○ = A, B, C		6000		2500	2000		ABGPadh	E F	2"x 1"x 0.44"	2	DIP2"x 1"
SKA40○-□	40	A: 9V~18V;		7000		3330	2670		ABGHPad	E F	2"x 2"x 0.43"	2	DIP2"x 2"
SKA60○-□	60	B: 18V~36V;		12000		5000	4000		ABGHPadh	E F	2"x 2"x 0.43"	2	DIP2"x 2"
MHB75-12S□	75	9V ~ 18V		15000		6250		3130	ABCGH adg	UC E	2.28"x 2.4"x 0.5"	3	Half-brick
MHB75-24S□	75	18V ~ 36V		15000		6250		3130	ABCGH adg	UC E	2.28"x 2.4"x 0.5"	3	Half-brick
MHB75-48S□	75	36V ~ 75V		15000		6250		3130	ABCGH adg	UC E	2.28"x 2.4"x 0.5"	3	Half-brick
MHB100-24S□	100	18V ~ 36V		20000		8300		4170	ABCGH adg	UC E	2.28"x 2.4"x 0.5"	3	Half-brick
MHB100-48S□	100	36V ~ 75V		20000		8300		4170	ABCGH adg	UC E	2.28"x 2.4"x 0.5"	3	Half-brick
MHB150-48S□	150	36V ~ 75V		30000		12500		6250	ABCGH adg	UC E	2.28"x 2.4"x 0.5"	3	Half-brick

★ Note : □ = Output voltage

DC-DC Converter



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		A P e	UC	0.6"x 0.3"x 0.24"	1	SMD
DCW03○-□	3		±300			±125	±100		A P a b c e g	E F	1.25"x 0.8"x 0.48"	2	DIP24
DCW05○-□	5		±500			±230	±190		A P a b c e g	E F	1.25"x 0.8"x 0.48"	2	DIP24
DLW05○-□	5		±500			±208	±167		A P a b c e h	E F	2"x 1"x 0.44"	2	DIP2"x 1"
DCW08○-□	8		±800			±335	±267		A P a c g	E F	1.25"x 0.8"x 0.48"	2	DIP24
DKE10○-□	10		±1000			±420	±333	±210	A P a b c e h	E F	2"x 1"x 0.44"	2	DIP2"x 1"
DCW12○-□	12		±1200			±500	±400		A G P a d g	E F	1.25"x 0.8"x 0.48"	2	DIP24
DKA15○-□	15		±1500			±625	±500		A P a b c e h	E F	2"x 1"x 0.44"	2	DIP2"x 1"
DKE15○-□	15		±1500			±625	±500	±313	A P a b c e h	E F	2"x 1"x 0.43"	2	DIP2"x 2"
DKA30○-□	30		±2500			±1250	±1000		A P a b c h	E F	2"x 2"x 0.82"	2	DIP2"x 2"
TKA30○-□	25	3500			±310	±250		A P a b c h	E F	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	ABGPbc	B E	40.6x 25.4x 8.3	2	700	5.9	0.97
NSD05-48S□		48: 18V~72V	1.2	1		0.42	0.33	ABGPbc	B E	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	ABGPbc	UC E	50.8x 24.5x 10	2	300	7	0.97
NSD10-48S□		48: 22V~72V	2.5	2	1.1	0.83	0.67	ABGPbc	UC E	50.8x 24.5x 10	2	300	7	0.97
NSD15-12S□	15	12: 9.4V~36V	3.75	3		1.25	1	ABGPQbd	UC E	50.8x 38.1x 9.82	2	180	6.4	0.97
NSD15-48S□		48: 18V~72V	3.75	3		1.25	1	ABGPQbd	UC E	50.8x 38.1x 9.82	2	180	6.4	0.97
NID30S24-□	30	20~53V		2.5		2.5	2	ABGP		50.8x 13x 10.7	2	---	---	---
NID30S48-□	30	30~53V					1.25	ABGP		50.8x 13x 10.7	2	---	---	---
NID60S24-□	60	20~53V		4		4	4	ABGP		50.8x 26x 10.7	2	---	---	---
NID60S48-□	60	30~53V					2.5	ABGP		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	ABGPbc	UC E	50.8x 24.5x 10	2	300	7	0.97
NSD10-48D□		48: 22V~72V	±1	±0.42	±0.33	ABGPbc	UC E	50.8x 24.5x 10	2	300	7	0.97
NSD15-12D□	15	12: 9.4V~36V	±1.5	±0.62	±0.5	ABGPQbd	UC E	50.8x 38.1x 9.82	2	180	6.4	0.97
NSD15-48D□		48: 18V~72V	±1.5	±0.62	±0.5	ABGPQbd	UC E	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	ABCPak	E	75x 40x 20	2	120	6.25	1.0
PSD-15○-□	15	A: 9.2V~18V,	3	1.25	0.6	ABPak	E	94x 49x 25	2	120	10.72	0.91
PSD-30○-□	30	B: 19V~36V,	5	2.5	1.25	ABPad	E	101.6x 50.8x 30	2	84	12.6	0.82
PSD-45○-□	45	C: 36V~72V	9	3.75	1.875	ABPad	B E	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		ABPak	E	79x 51x 28	2	60	11.8	0.46
SD-25○-□	25	△ = B, C, D	5	2.1	1.1		ABPad	E	99x 97x 36	2	45	17.8	0.9
SD-50○-□	50	A: 9.2V~18V,	10	4.2	2.1		ABPad	E	159x 97x 38	2	24	12.7	0.75
SD-100△-□	100	B: 19V~36V,	20	8.5	4.2		ABPad	E	199x 98x 38	2	20	13.8	0.8
RSD-100▲-□	100	C: 36V~72V	20	8.4	4.2		ABPast	E	161x 68x 36	3	24	15.4	0.98
SD-150△-□	150	D: 72V~144V		12.5	6.3		ABPad	E	199x 110x 50	2	16	14.5	0.95
RSD-150▲-□	150	▽ = L, H	30	12.5	6.3		ABCPast	E	189x 77x 36	3	15	13	0.75
SD-200△-□	200	L: 19V~72V	34	16.7	8.4	4.2	ABCPad	E	215x 115x 50	2	12	14.4	0.92
RSD-200▲-□	200	H: 72V~144V		16.7	8.4	4.2	ABCPast	E	191x 86x 40	3	12	12.3	0.8
RSD-300▲-□	300	▲ = B, C, D		25	12.5	6.3	ABCPast	E	216x 97x 40	3	12	15.3	1.12
SD-350△-□	350	B: 16.8V~31.2V	57	27.5	14.6	7.3	ABCOad	E	215x 115x 50	2	12	14.4	0.92
SD-500▽-□	500	C: 33.6V~62.4V		40	21	10.5	ABCFGHOabk	B E	215x 115x 50	3	12	14.8	0.92
SD-1000▽-□	1000	D: 67.2V~143V		60	40	21	ABCFGHOabk	B E	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		170x 65Ø	1
A30□-150-B2	150	300			ABC P T V W		122x 73x 45	1
A30□-150-F□	150	300			ABC P T V W		165x 94x 69	1
A30□-300-B2	300	600			ABC D O T V W		165x 88x 74	1
A30□-300-F□	300	600			ABC D O T V W		165x 88x 74	1
A30□-600-B2	600	1200			ABC D O T V W		210x 173x 65	1
A30□-600-F□	600	1200			ABC D O T V W		210x 173x 65	1
A30□-1K0-B2	1000	2400			ABC D G O T V W		310x 210x 85	1
A30□-1K0-F□	1000	2400			ABC D G O T V W		310x 210x 85	1
A30□-1K7-B2	1500	3000			ABC D G O T V W		455x 210x 85	1
A30□-1K7-F□	1500	3000			ABC D G O T V W		455x 210x 85	1
A30□-2K5-B4	2500	5000			ABC D G O T V W		430x 210x 159	1
A30□-2K5-F□	2500	5000			ABC D G O T V W		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		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		205x 158x 59	3
TS-200-2△□	200	400			ABC G P T V W m		205x 158x 59	3
TS-400-1△○	400	800			ABC E G O T V W m		205x 158x 67	3
TS-400-2△□	400	800			ABC E G O T V W m		205x 158x 67	3
TS-700-1△○	700	1400			ABC D E O T V W m n		295x 184x 70	3
TS-700-2△□	700	1400			ABC D E O T V W m n		295x 184x 70	3
TS-1000-1△○	1000	2000			ABC D E O T V W m n		345x 184x 70	3
TS-1000-2△□	1000	2000			ABC D E O T V W m n		345x 184x 70	3
TS-1500-1△○	1500	3000			ABC E O T V W m n		420x 220x 88	3
TS-1500-2△□	1500	3000			ABC E O T V W m n		420x 220x 88	3
TS-3000-1△○	3000	6000			ABC E O T V W m n		466.8x 283.5x 100	3
TS-3000-2△□	3000	6000			ABC E O T V W m n		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		420x 220x 88	3
TN-1500-2△□	1500	3000			ABC E O T V m n o p q		420x 220x 88	3
TN-3000-1△○	3000	6000			ABC E G O T V W m n o p q		466.8x 283.5x 100	3
TN-3000-2△□	3000	6000			ABC E G O T V W m n o p q		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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