

SINPRO

SWITCHING POWER SUPPLIES /
LED DRIVER /
DC/DC CONVERTER



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Company Overview

Sinpro Electronics is a professional switching power supply manufacturer. Our main products are medical power supplies, DC/DC converters, I.T.E power supplies, LED power supplies and Industrial power supplies. With more experience in researching and designing SPS, we have a proven record of total customer satisfaction and quality assurance.

You can totally trust Sinpro to be your partner by the following 5S.

Saving your cost and risk on running a factory :

Sinpro has excellent manufacturing facilities in Taiwan and China.

Strong backup of R&D team :

Sinpro has 20-30 engineers with senior experience of product design for ODM and OEM project.

Sufficient and completed product lines :

to enlarge your sales market into I.T.E, Medical, Industrial, and LED Driver.

Speedy, flexibility and responsiveness :

Sinpro is customer-focused organization to meet all your power requirements.

Superior quality of products :

Sinpro has total manufacturing solution with advanced supply chain management and logistics and post-manufacturing repair/warranty

Environmental policy

Green Product

- Energy Conservation (DoE VI, CoC v5 tier 2)
- Repairable (Non-disposable)

Green Manufacturing

- Non-toxic manufacturing process

Green Marketing

- To comply with WEEE Directive



Company Facility



Headquarter

Location: Kaohsiung (Taiwan)
R&D Center, Financial, Sales, Marketing
Area: 1,696 square meter



Taiwan Factory

Location: Pingtung City (Taiwan)
Factory Area: 10,000 square meter
Surface Mount Line · Insert component Line
Assembly Line



China Factory

Location: Shenzhen (China)
Factory Area: 7,500 square meter
Main Products: Switching Power Supplies
Transformer · Choke · Output Cable



Model name

S P U 100 X

S	Standard/General
E	Economic
I	Industrial
L	Lighting
M	Medical
H	Healthcare
A	Advanced(-40°C)

B	Board (Open frame)
E	Enclosure
L	L Bracket
P	Plastic
S	Slight
U	U Bracket

U Universal input 90-264VAC

XXX Model series

Desktop type	
X= A	AC inlet C14 type
B	AC inlet C8 type
C	AC inlet C6 type
D	Cable In US 2PIN type
E	Cable In US 3PIN type

Wall mount type	
X= A	US AC Plug
B	UK AC Plug
C	EU AC Plug
D	US AC Plug
E	CN AC Plug

AC/DC power supply

	*PU	*BU	*LU	*UU	*EU	*SU
M Series	12~130W	30~150W		63~250W		
H series	6~180W	30~100W				
S series	8~150W	15~150W	180W	63~300W	63W	60~120W
I series	8~130W	40~150W	180W	63~300W	63W	
E series	8~60W	40W				
A series	10~60W	63W				

LED power supply

	40W	60W	85W	120W	180W
LED power supply	LSU40	LSU60	LSU85A/85B	LSU120A/120B	LSU180

Note:

LED power supply :

C.C. Mode + C.V. Mode Constant Current: 0.84~5.71A Constant Voltage: 11~58V



DC/DC converter

	1~4W	6~10W	15~20W	30~45W	75W
Model	ACX01A-1W	AMX06A-6W	AMX15-15W	AMX30-30W	AMX75-75W
	ACX01B-1W	AMX06B-6W	AMX20-20W	AMX45-45W	
	ACX02-2W	AMX08-8W			
	AMX02-2W	AMX10-10W			
	ASX02-2W				
	AMX04A-4W				
	AMX04B-4W				

Note:

ACX : SIP Package ASX : SMD Package AMX : DIP Package

Low Voltage High Efficiency Model

Model Number	Class	Type	Output Voltage (VDC)		Current (A)		Max Power	Operating Temp.	Warrt. (year)	Efficiency		UL/cUL	TUV-GS	CB	FCC	PSE	LPS	CE	CCC	RCM	
			min	max	min	max	watts			v1	v5										
EPU10-102	II	wall mount	5	5.99	1.33	1.6	8	0~70°C	1	●		●		●	●	●	●				
EPU15-102	II	wall mount	5	5.99	2.00	2.4	12	0~70°C	1	●	●	●	●	●	●	●	●	●	●	●	●
EPU16A-102	I	desktop	5	5.99	2.00	2.5	12	0~70°C	1	●	●	●	●	●	●	●	●	●			
EPU16B-102	II	desktop	5	5.99	2.00	2.5	12	0~70°C	1	●	●				●	●		●			
EPU16C-102	I	desktop	5	5.99	2.00	2.5	12	0~70°C	1	●	●	●	●	●	●	●	●	●			
EPU20A-102	I	desktop	5	5.99	2.50	3.0	15	0~70°C	1	●		●	●	●	●	●	●	●	●		
EPU20B-102	II	desktop	5	5.99	2.50	3.0	15	0~70°C	1	●		●	●	●	●	●	●	●	●		
EPU20C-102	I	desktop	5	5.99	2.50	3.0	15	0~70°C	1	●		●	●	●	●	●		●			
EPU26-102	II	wall mount	5	5.99	2.75	3.3	16.5	0~70°C	1	●		●	●	●	●	●	●	●			
EPU40A-102	I	desktop	5	5.99	5.00 Max		30	0~70°C	1	●	●	●	●	●	●	●	●	●	●	●	
SPU10-102	II	wall mount	5	5.99	1.33	1.6	8	0~70°C	3	●		●			●	●	●				
SPU15-102	II	wall mount	5	5.99	2.00	2.4	12	0~70°C	3	●	●	●	●	●	●	●	●	●	●	●	●
SPU16A-102	I	desktop	5	5.99	2.00	2.5	12	0~70°C	3	●	●	●	●	●	●	●	●	●	●	●	
SPU16B-102	II	desktop	5	5.99	2.00	2.5	12	0~70°C	3	●	●	●	●	●	●	●	●	●	●	●	
SPU16C-102	I	desktop	5	5.99	2.00	2.5	12	0~70°C	3	●	●	●	●	●	●	●	●	●	●	●	
SPU21A-102	I	desktop	5	5.99	2.50	3.0	15	0~70°C	3	●		●	●	●	●	●	●	●	●		
SPU21B-102	II	desktop	5	5.99	2.50	3.0	15	0~70°C	3	●		●	●	●	●	●	●	●	●		
SPU21C-102	I	desktop	5	5.99	2.50	3.0	15	0~70°C	3	●		●	●	●	●	●		●			
SPU26-102	II	wall mount	5	5.99	2.75	3.3	16.5	0~70°C	3	●		●	●	●	●	●	●	●			
SPU41A-102	I	desktop	5	5.99	5.00 Max		30	0~70°C	3	●	●	●	●	●	●	●	●	●	●	●	
SPU46-102	I	desktop	5	5.99	8.00 Max		40	0~70°C	3	●		●	●	●	●	●	●	●			
SPU65-102	I	desktop	5	5.99	10.8	13.0	65	0~70°C	3	●		●	●	●	●	●		●	●		

Low Voltage High Efficiency Model

Model Number	Class	Type	Output Voltage (VDC)		Current (A)		Max Power	Operating Temp.	Warrt. (year)	Efficiency		UL/cUL	TUV-GS	CB	FCC	PSE	LPS	CE	CCC	RCM	
			min	max	min	max	watts			V1	v5										
IPU10-102	II	wall mount	5	5.99	1.33	1.6	8	-20~70°C	5	●		●			●	●	●				
IPU15-102	II	wall mount	5	5.99	2.00	2.4	12	-20~70°C	5	●	●	●	●	●	●	●	●	●	●	●	●
IPU16A-102	I	desktop	5	5.99	2.00	2.5	12	-20~70°C	5	●	●	●	●	●	●	●	●	●	●	●	
IPU16B-102	II	desktop	5	5.99	2.00	2.5	12	-20~70°C	5	●	●	●	●	●	●	●	●	●	●	●	
IPU16C-102	I	desktop	5	5.99	2.00	2.5	12	-20~70°C	5	●	●	●	●	●	●	●	●	●	●	●	
IPU21A-102	I	desktop	5	5.99	2.50	3.0	15	-20~70°C	5	●		●	●	●	●	●	●	●	●		
IPU21B-102	II	desktop	5	5.99	2.50	3.0	15	-20~70°C	5	●		●	●	●	●	●	●	●	●		
IPU21C-102	I	desktop	5	5.99	2.50	3.0	15	-20~70°C	5	●		●	●	●	●	●	●	●	●		
IPU26-102	II	wall mount	5	5.99	2.75	3.3	16.5	-20~70°C	5	●		●	●	●	●	●	●	●	●		
IPU41A-102	I	desktop	5	5.99	5.00 Max		30	-20~70°C	5	●	●	●	●	●	●	●	●	●	●	●	
IPU46-102	I	desktop	5	5.99	8.00 Max		40	-20~70°C	5	●		●	●	●		●		●			
IPU65-102	I	desktop	5	5.99	10.8	13.0	65	-20~70°C	5	●		●	●	●	●	●		●	●		
APU10-102	II	wall mount	5	5.99	1.33	1.6	8	-40~70°C	3	●		●		●	●	●	●				
APU15-102	II	wall mount	5	5.99	2.00	2.4	12	-40~70°C	3	●	●	●	●	●	●	●	●	●	●	●	●
APU20A-102	I	desktop	5	5.99	2.50	3.0	15	-40~70°C	3	●		●	●	●	●	●	●	●	●		
APU20B-102	II	desktop	5	5.99	2.50	3.0	15	-40~70°C	3	●		●	●	●	●	●	●	●	●		
APU20C-102	I	desktop	5	5.99	2.50	3.0	15	-40~70°C	3	●		●	●	●	●	●		●			
APU26-102	II	wall mount	5	5.99	2.75	3.3	16.5	-40~70°C	3	●		●	●	●	●	●	●	●	●		
APU41A-102	I	desktop	5	5.99	5.00 Max		30	-40~70°C	3	●	●	●	●	●	●	●	●	●	●	●	

Medical Power Supply

IEC60601-1 Edition3.1, IEC 60601-1-2:2014 (EMC 4.0)

Open frame type

Model Number	Output Power (Max.)	Output Voltage	Input Connector	Output	Class I/II	Efficiency (Typ.)	Certificate					
							UL/CUL	TUV/GS	CB	CE	FCC	CCC
MBU31	30W	5~36V	2 pin	Single	I	85%	●	●	●	●	●	●
MBU81	80W	5~36V	2 pin	Single	I	85%	●	●	●	●	●	●
MBU123	125W	12~48V	2 pin	Single	I	88%	●	●	●	●	●	●
MBU152	150W	12,24V	2 pin	Single	I	89%	●	●	●	●	●	●
MBU153	150W	12,24V	3 pin	Single	I	89%	●	●	●	●	●	●
HBU32	30W	5~40V	2 pin	Single	II	86%	●	●	●	●	●	●
HBU40	40W	5~59V	2 pin	Single	II	88%	●	●	●	●	●	●
HBU50	50W	5~59V	2 pin	Single	II	88%	●	●	●	●	●	●
HBU58	60W	5~55V	2 pin	Single	I	88%	●	●	●	●	●	●
HBU60	60W	12~40V	2 pin	Single	I	86%	●	●	●	●	●	●
HBU63	60W	5~48V	2 pin	Single	I	88%	●	●	●	●	●	●
HBU75	75W	5~50V	2 pin	Single	I	87%	●	●	●	●	●	●
HBU100	100W	11~50V	2 pin	Single	I	88%	●	●	●	●	●	●

U Bracket type

Model Number	Output Power (Max.)	Output Voltage	Input Connector	Output	Class I/II	Efficiency (Typ.)	Certificate					
							UL/CUL	TUV/GS	CB	CE	FCC	CCC
MUU152	150W	12,24V	2 pin	Single	I	86%	●	●	●	●	●	●
MUU153	150W	12,24V	3 pin	Single	I	86%	●	●	●	●	●	●
MUU250	250W	12,24,36,48V	2 pin	Single	I	87%	●	●	●	●	●	●



Desktop type

Model Number	Output Power (Max.)	Output Voltage	Input Connector	Output	Class I/II	Efficiency (Typ.)	Efficiency LEVEL	Certificate					
								UL/CUL	TUV/GS	CB	CE	FCC	CCC
MPU12A	12W	5~27V	US Plug	Single	II	81%	V	●	●	●	●	●	●
MPU12B	12W	5~27V	UK Plug	Single	II	81%	V	●	●	●	●	●	●
MPU12C	12W	5~27V	GS Plug	Single	II	81%	V	●	●	●	●	●	●
MPU16A	15W	5~36V	C14	Single	I	82%		●	●	●	●	●	●
MPU16B	15W	5~36V	C8	Single	II	82%		●	●	●	●	●	●
MPU16C	15W	5~36V	C6	Single	I	82%		●	●	●	●	●	●
MPU31	30W	3~40V	C14	Triple	I	84%	V	●	●	●	●	●	●
MPU32A	30W	5~48V	C18	Single	II	85%	V	●	●	●	●	●	●
MPU32B	30W	5~48V	C8	Single	II	85%	V	●	●	●	●	●	●
MPU51	50W	3~50V	C14	Triple	I	83%		●	●	●	●	●	●
MPU60A	63W	12~48V	C14	Single	I	87%		●	●	●	●	●	●
MPU60B	63W	12~48V	C8	Single	II	87%		●	●	●	●	●	●
MPU60C	63W	12~48V	C6	Single	I	87%		●	●	●	●	●	●
MPU64	63W	5~36V	C14	Single	I	87%	V	●	●	●	●	●	●
MPU101	100W	5~40V	C14	Triple	I	86%		●	●	●	●	●	●
MPU130	130W	12,24V	C14	Single	I	88%	V	●	●	●	●	●	●
HPU10A	10W	3~55V	US Plug	Single	II	80%		●	●	●	●	●	●
HPU10B	10W	3~55V	UK Plug	Single	II	80%		●	●	●	●	●	●
HPU10C	10W	3~55V	EU Plug	Single	II	80%		●	●	●	●	●	●
HPU10D	10W	3~55V	US Plug	Single	II	80%		●	●	●	●	●	●
HPU15	15W	3~55V	Interchangeable	Single	II	83%		●	●	●	●	●	●
HPU25	25W	3~55V	Interchangeable	Single	II	86%	V	●	●	●	●	●	●
HPU32A	30W	5~48V	C18	Single	II	86%	V	●	●	●	●	●	●
HPU32B	30W	5~48V	C8	Single	II	86%	V	●	●	●	●	●	●
HPU63A	63W	12~48V	C14	Single	I	87%		●	●	●	●	●	●
HPU63B	63W	12~48V	C8	Single	II	87%		●	●	●	●	●	●
HPU63C	63W	12~48V	C6	Single	I	87%		●	●	●	●	●	●
HPU101	100W	11~48V	C14	Single	I	87%	V	●	●	●	●	●	●
HPU180A	180W	12~48V	C14	Single	I	91%		●	●	●	●	●	●
HPU180B	180W	12~48V	C8	Single	II	91%		●	●	●	●	●	●

Note:

M series : 5 year warranty H series : 3 year warranty

Medical Power Supply

UL/c-UL(UL 60601-1:2nd Edition)

Open frame type

Model Number	Output Power (Max.)	Output Voltage	Input Connector	Output	Class I/II	Efficiency (Typ.)	Certificate					
							UL/cUL	TUVGS	CB	CE	FCC	CCC
MBU30	30W	5~36V	2 pin	Single	I	84%	●	●	●	●		
MBU60	63W	3~40V	3 pin	Quad	I	73%	●	●	●	●		
MBU61	63W	3~40V	2 pin	Quad	I	73%	●	●	●	●		
MBU80	80W	5~36V	2 pin	Single	I	86%	●	●	●	●		
MBU120	120W	5~40V	3 pin	Single	I	86%	●	●	●	●	●	
MBU150	150W	12,24V	3 pin	Single	I	90%	●	●	●	●	●	
MBU151	150W	12,24V	2 pin	Single	I	90%	●	●	●	●	●	

U Bracket type

Model Number	Output Power (Max.)	Output Voltage	Input Connector	Output	Class I/II	Efficiency (Typ.)	Certificate					
							UL/cUL	TUVGS	CB	CE	FCC	CCC
MUU60	63W	3~40V	3 pin	Quad	I	73%	●	●	●	●		
MUU61	63W	3~40V	2 pin	Quad	I	73%	●	●	●	●		
MUU150	150W	12,24V	3 pin	Single	I	90%	●	●	●	●	●	
MUU151	150W	12,24V	2 pin	Single	I	90%	●	●	●	●	●	



Desktop type

Model Number	Output Power (Max.)	Output Voltage	Input Connector	Output	Class I/II	Efficiency (Typ.)	Efficiency LEVEL	Certificate					
								UL/cUL	TUVGS	CB	CE	FCC	CCC
HPU10E	10W	3~55V	China Plug	Single	II	80%			●		●		
HPU10F	10W	3~55V	China Plug	Single	II	80%			●		●		
MPU15A	15W	5~36V	C14	Single	I	81%	V	●	●	●	●	●	
MPU15B	15W	5~36V	C8	Single	II	81%	V	●	●	●	●	●	
MPU15C	15W	5~36V	C6	Single	I	81%	V	●	●	●	●	●	
MPU50	50W	3~50V	C14	Triple	I	78%	V	●	●	●	●	●	
MPU63	63W	5~36V	C14	Single	I	87%	V	●	●	●	●	●	
MPU100	100W	5~40V	C14	Triple	I	84%		●	●	●	●	● Only -105	
HPU12A	12W	5~27V	US Plug	Single	II	85%	V	●	●	●	●	●	
HPU12B	12W	5~27V	UK Plug	Single	II	85%	V	●	●	●	●	●	
HPU12C	12W	5~27V	GS Plug	Single	II	85%	V	●	●	●	●	●	
HPU31A	30W	5~48V	C18	Single	II	85%	V	●	●	●	●	●	
HPU31B	30W	5~48V	C8	Single	II	85%	V	●	●	●	●	●	
HPU100	100W	11~48V	C14	Single	I	90%	V	●	●	●	●	●	

Note:

M series : 5 year warranty **H series** : 3 year warranty



Industrial Power Supply

External type

Model Number	Output Power (Max.)	Output Voltage	Input Connector	Output	Class I/II	Efficiency (Typ.)	Certificate								
							UL/CUL	TUVGS	CB	CE	FCC	CCC			
IPU10	10W	5~40V	US Plug	Single	II	82%	VI								
IPU15	15W	5~48V	Interchangeable	Single	II	85%	CoC v5	●	●	●	●	●	●	●	●
IPU16A	15W	3~48V	C14	Single	I	85%	CoC v5	●	●	●	●	●	●	●	●
IPU16B	15W	3~48V	C8	Single	II	85%	CoC v5	●	●	●	●	●	●	●	●
IPU16C	15W	3~48V	C6	Single	I	85%	CoC v5	●	●	●	●	●	●	●	●
IPU16D	15W	3~48V	Cable In	Single	II	85%	CoC v5	●	●	●	●	●	●	●	●
IPU16E	15W	3~48V	Cable In	Single	I	85%	CoC v5	●	●	●	●	●	●	●	●
IPU21A	20W	5~50V	C14	Single	I	86%	VI	●	●	●	●	●	●	●	●
IPU21B	20W	5~50V	C8	Single	II	86%	VI	●	●	●	●	●	●	●	●
IPU21C	20W	5~50V	C6	Single	I	86%	VI	●	●	●	●	●	●	●	●
IPU25A	25W	5~48V	C14	Single	I	83%	V	●	●	●	●	●	●	●	●
IPU25B	25W	5~48V	C8	Single	II	83%	V	●	●	●	●	●	●	●	●
IPU25C	25W	5~48V	C6	Single	I	83%	V	●	●	●	●	●	●	●	●
IPU26	25W	5~48V	Interchangeable	Single	II	87%	VI	●	●	●	●	●	●	●	●
IPU31	30W	5~50V	C14	Single	I	83%	V	●	●	●	●	●	●	●	●
IPU41A	40W	5~48V	C14	Single	I	88%	CoC v5	●	●	●	●	●	●	●	●
IPU45	50W	3~50V	C14	Triple	I	80%	VI	●	●	●	●	●	●	●	●
IPU46	50W	5~50V	C14	Single	I	86%	V	●	●	●	●	●	●	●	●
IPU61A	60W	12~48V	C14	Single	I	89%	CoC v5	●	●	●	●	●	●	●	●
IPU65	80W	3~48V	C14	Quad	I	88%	VI	●	●	●	●	●	●	●	●
IPU80	80W	11~48V	C14	Single	I	87%	V	●	●	●	●	●	●	●	●
IPU100	100W	11~48V	C14	Single	I	89%	VI	●	●	●	●	●	●	●	●
IPU130	130W	3~55V	C14	Dual	I	80%		●	●	●	●	●	●	●	●



Open frame type

Model Number	Output Power (Max.)	Output Voltage	Input Connector	Output	Class I/II	Efficiency (Typ.)	Certificate								
							UL/CUL	TUVGS	CB	CE	FCC	CCC			
IBU40	40W	3.3~48V	2 pin	Single	I	80%	Only -105								
IBU41	40W	3~24V	2 pin	Dual to Triple	I	80%	Only -302			Only -302					
IBU58	60W	5~48V	2 pin	Single	I	85%	●	●	●	●	●	●	●	●	●
IBU60	63W	3~48V	3 pin	Quad	I	75%	●								
IBU61	63W	3~48V	2 pin	Quad	I	75%	●								
IBU62	63W	3~48V	3 pin	Quad	I	75%	●								
IBU63	63W	3~48V	2 pin	Quad	I	75%	●								
IBU80	80W	3.3~24V	3 pin	Dual to Triple	I	76%	●		●	●					
IBU81	80W	3.3~24V	2 pin	Dual to Triple	I	76%	●		●	●					
IBU100	100W	3~50V	3 pin	Single	I	80%	●		●	●					
IBU101	100W	3~50V	2 pin	Single	I	80%	●		●	●					
IBU120	120W	5~40V	3 pin	Triple	I	82%	●	●	●	●				●	
IBU150	150W	9~48V	3 pin	Single	I	86%	●		●	●					
IBU151	150W	9~48V	2 pin	Single	I	86%	●		●	●					

U Bracket type

Model Number	Output Power (Max.)	Output Voltage	Input Connector	Output	Class I/II	Efficiency (Typ.)	Certificate								
							UL/CUL	TUVGS	CB	CE	FCC	CCC			
IUU60	63W	3~48V	3 pin	Quad	I	75%	●								
IUU61	63W	3~48V	2 pin	Quad	I	75%	●								
IUU62	63W	3~48V	3 pin	Quad	I	75%	●								
IUU63	63W	3~48V	2 pin	Quad	I	75%	●								Only -102
IUU80	80W	3.3~24V	3 pin	Dual to Triple	I	76%	●		●	●					
IUU81	80W	3.3~24V	2 pin	Dual to Triple	I	76%	●		●	●					
IUU100	100W	3~50V	3 pin	Single	I	80%	●	●	●	●					
IUU101	100W	3~50V	2 pin	Single	I	80%	●		●	●					
IUU120	120W	3~50V	3 pin	Triple	I	82%	●	●	●	●				●	
IUU150	150W	9~48V	3 pin	Single	I	86%	●		●	●					
IUU151	150W	9~48V	2 pin	Single	I	86%	●		●	●					
IUU152	140W	9~48V	3 pin	Single	I	86%	●								
IUU153	140W	9~48V	2 pin	Single	I	86%	●								
IUU180	180W	12,24,36,48V	2 pin	Single	I	87%	●	●	●	●					
IUU250	250W	12,24,48V	2 pin	Single	I	91%	●	●	●	●	●	●	●	●	●
IUU300	300W	12~48V	3 pin	Single	I	90%	●	●	●	●	●	●	●	●	●

Enclosed type

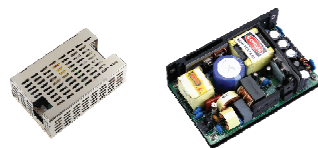
Model Number	Output Power (Max.)	Output Voltage	Input Connector	Output	Class I/II	Efficiency (Typ.)	Certificate					
							UL/CUL	TUV/GS	CB	CE	FCC	CCC
IEU60	63W	3~48V	3 pin	Quad	I	75%						
IEU61	63W	3~48V	2 pin	Quad	I	75%						

L Bracket type

Model Number	Output Power (Max.)	Output Voltage	Input Connector	Output	Class I/II	Efficiency (Typ.)	Certificate					
							UL/CUL	TUV/GS	CB	CE	FCC	CCC
ILU180	180W	12,24,36,48V	2 pin	Single	I	87%	●	●	●	●		

Note:

5 year warranty



External type

Model Number	Output Power (Max.)	Output Voltage	Input Connector	Output	Class I/II	Efficiency (Typ.)	Efficiency LEVEL	Certificate				
								UL/CUL	TUV/GS	CB	CE	FCC
APU10	10W	5~48V	US Plug	Single	II	83%	VI	●	●	●	●	
APU11	10W	5~48V	GS Plug	Single	II	82%	VI		●	●	●	●
APU15	15W	5~48V	Interchangeable	Single	II	84%	CoC v5		●	●	●	●
APU20A	20W	5~50V	C14	Single	I	86%	VI	●	●	●	●	●
APU20B	20W	5~50V	C8	Single	II	86%	VI	●	●	●	●	●
APU20C	20W	5~50V	C6	Single	I	86%	VI	●	●	●	●	●
APU26	25W	5~48V	Interchangeable	Single	II	87%	VI	●	●	●	●	●
APU41A	50W	5~48V	C14	Single	I	90%	CoC v5		●	●	●	●
APU45	50W	3~50V	C14	triple	I	75%						PRELIMINARY
APU60A	60W	12~48V	C14	Single	I	89%	CoC v5	●	●	●	●	●

Open frame type

Model Number	Output Power (Max.)	Output Voltage	Input Connector	Output	Class I/II	Efficiency (Typ.)	Efficiency LEVEL	Certificate				
								UL/CUL	TUV/GS	CB	CE	FCC
ABU60	63W	3~48V	3PIN	Quad	I	75%						PRELIMINARY

Note:

3 year warranty



Waterproof type

Model Number	Output Power (Max.)	Output Voltage	IP67/IP68	Output	Class I/II	Efficiency (Typ.)	Certificate					
							UL/CUL	TUVGS	CB	CE	FCC	CCC
SSU85A	85W	21~50V	IP68	Single	I	85%	●	●	●	●	●	●
SSU85B	85W	21~50V	IP68	Single	I	85%	●	●	●	●	●	●
SSU120A	120W	21~50V	IP68	Single	I	86%	●	●	●	●	●	●
SSU120B	120W	21~50V	IP68	Single	I	86%	●	●	●	●	●	●

Enclosed type

Model Number	Output Power (Max.)	Output Voltage	Input Connector	Output	Class I/II	Efficiency (Typ.)	Certificate					
							UL/CUL	TUVGS	CB	CE	FCC	CCC
SEU60	63W	3~48V	3 pin	Quad	I	80%	●					
SEU61	63W	3~48V	2 pin	Quad	I	80%	●					

L Bracket type

Model Number	Output Power (Max.)	Output Voltage	Input Connector	Output	Class I/II	Efficiency (Typ.)	Certificate					
							UL/CUL	TUVGS	CB	CE	FCC	CCC
SLU180	180W	12,24,36,48V	2 pin	Single	I	87%	●	●	●			



External type

Model Number	Output Power (Max.)	Output Voltage	Input Connector	Output	Class I/II	Efficiency (Typ.)	Certificate					
							Efficiency LEVEL	UL/CUL	TUVGS	CB	CE	FCC
SPU10	10W	5~40V	US Plug	Single	II	82%	VI	●				
SPU15	15W	5~48V	Interchangeable	Single	II	84%	CoC v5	●	●	●	●	●
SPU16A	15W	3~48V	C14	Single	I	85%	CoC v5	●	●	●	●	●
SPU16B	15W	3~48V	C8	Single	II	85%	CoC v5	●	●	●	●	●
SPU16C	15W	3~48V	C6	Single	I	85%	CoC v5	●	●	●	●	●
SPU16D	15W	3~48V	Cable In	Single	II	85%	CoC v5	●	●	●	●	●
SPU16E	15W	3~48V	Cable In	Single	I	85%	CoC v5	●	●	●	●	●
SPU21A	20W	5~50V	C14	Single	I	86%	VI	●	●	●	●	●
SPU21B	20W	5~50V	C8	Single	I	86%	VI	●	●	●	●	●
SPU21C	20W	5~50V	C6	Single	I	86%	VI	●	●	●	●	●
SPU25A	25W	5~48V	C14	Single	I	83%	V	●	●	●	●	●
SPU25B	25W	5~48V	C8	Single	II	83%	V	●	●	●	●	●
SPU25C	25W	5~48V	C6	Single	I	83%	V	●	●	●	●	●
SPU26	25W	5~48V	Interchangeable	Single	II	87%	VI	●	●	●	●	●
SPU31	30W	5~50V	C14	Single	I	83%	V	●	●	●	●	
SPU41A	40W	5~48V	C14	Single	I	88%	CoC v5	●	●	●	●	●
SPU45	50W	3~50V	C14	Triple	I	88%	VI	●	●	●	●	●
SPU46	50W	5~50V	C14	Single	I	87%	V	●	●	●	●	●
SPU60	60W	3~50V	C14	Single	I	87%	V	●	●	●	●	●
SPU61A	60W	12~48V	C14	Single	I	89%	CoC v5	●	●	●	●	●
SPU65	80W	3~48V	C14	Quad	I	88%	VI	●	●	●	●	●
SPU80	80W	11~48V	C14	Single	I	87%	V	●	●	●	●	●
SPU100	100W	11~48V	C14	Single	I	89%	VI	●	●	●	●	●
SPU130	130W	3~55V	C14	Dual	I	80%		●	●	●	●	●
SPU131	130W	12~55V	C14	Single	I	89%	VI	●	●	●	●	●
SPU150	150W	24V	C14	Single	I	89%	VI	●	●	●	●	●



Open frame type

Model Number	Output Power (Max.)	Output Voltage	Input Connector	Output	Class I/II	Efficiency (Typ.)	Certificate				
							UL/cUL	TUV/GS	CB	CE	FCC
SBU30	30W	3~50V	2 pin	Dual	I	75%				●	
SBU31	30W	5~48V	2 pin	Single	I	85%	●	●	●	●	
SBU40	40W	3.3~48V	2 pin	Single	I	80%					
SBU41	40W	3~24V	2 pin	Dual to Triple	I	80%					
SBU58	60W	5~48V	2 pin	Single	I	85%	●	●	●	●	●
SBU60	63W	3~48V	3 pin	Quad	I	80%	●	●	●	●	●
SBU61	63W	3~50V	2 pin	Quad	I	80%	●	●	●	●	
SBU80	80W	3.3~24V	3 pin	Dual to Triple	I	80%	●	●	●	●	
SBU81	80W	3.3~24V	2 pin	Dual to Triple	I	80%	●	●	●	●	
SBU99	100W	11~55V	2 pin	Single	I	88%	●		●	●	●
SBU100	100W	3~50V	3 pin	Single	I	80%	●	●	●	●	
SBU101	100W	3~50V	2 pin	Single	I	80%	●	●	●	●	
SBU120	120W	3~50V	3 pin	Triple	I	82%	●	●	●	●	●
SBU150	150W	9~48V	3 pin	Single	I	86%	●	●	●	●	
SBU151	150W	9~48V	2 pin	Single	I	86%	●	●	●	●	

U Bracket type

Model Number	Output Power (Max.)	Output Voltage	Input Connector	Output	Class I/II	Efficiency (Typ.)	Certificate				
							UL/cUL	TUV/GS	CB	CE	FCC
SUU60	63W	3~48V	3 pin	Quad	I	80%	●	●	●	●	●
SUU61	63W	3~48V	2 pin	Quad	I	80%	●	●	●	●	
SUU80	80W	3.3~24V	3 pin	Dual to Triple	I	76%	●		●	●	
SUU81	80W	3.3~24V	2 pin	Dual to Triple	I	76%	●		●	●	
SUU100	100W	3~50V	3 pin	Single	I	80%	●	●	●	●	
SUU101	100W	3~50V	2 pin	Single	I	80%	●	●	●	●	
SUU120	120W	3~50V	3 pin	Triple	I	82%	●	●	●	●	●
SUU150	150W	9~48V	3 pin	Single	I	86%	●	●	●	●	
SUU151	150W	9~48V	2 pin	Single	I	86%	●	●	●	●	
SUU152	140W	9~48V	3 pin	Single	I	86%	●				
SUU153	140W	9~48V	2 pin	Single	I	86%	●				
SUU180	180W	12,24,36,48V	2 pin	Single	I	87%	●	●	●	●	
SUU250	250W	12,24,48V	3 pin	Single	I	91%	●	●	●	●	●
SUU300	300W	12~48V	3 pin	Single	I	90%	●	●	●	●	●

Note:

3 year warranty

External type

Model Number	Output Power (Max.)	Output Voltage	Input Connector	Output	Class I/II	Efficiency (Typ.)	Certificate				
							Efficiency LEVEL	UL/cUL	TUV/GS	CB	CE
EPU10	10W	5~48V	US Plug	Single	II	82%	VI	●	●	●	●
EPU11	10W	5~48V	GS Plug	Single	II	82%	VI	●	●	●	●
EPU15	15W	5~48V	Interchangeable	Single	II	84%	CoC v5	●	●	●	●
EPU16A	15W	5~48V	C14	Single	I	85%	CoC v5	●	●	●	●
EPU16B	15W	5~48V	C8	Single	II	85%	CoC v5			●	●
EPU16C	15W	5~48V	C6	Single	I	85%	CoC v5	●	●	●	●
EPU16D	15W	5~48V	Cable In	Single	II	85%	CoC v5				●
EPU16E	15W	5~48V	Cable In	Single	I	85%	VI	●	●		●
EPU20A	20W	5~50V	C14	Single	I	86%	VI	●	●	●	●
EPU20B	20W	5~50V	C8	Single	II	86%	VI	●	●	●	●
EPU20C	20W	5~50V	C6	Single	I	86%	VI	●	●	●	●
EPU26	25W	5~48V	Interchangeable	Single	II	87%	VI	●	●	●	●
EPU40A	40W	5~48V	C14	Single	I	88%	CoC v5	●	●	●	●
EPU60A	60W	12~48V	C14	Single	I	89%	CoC v5	●	●	●	●

Open frame type

Model Number	Output Power (Max.)	Output Voltage	Input Connector	Output	Class I/II	Efficiency (Typ.)	Certificate				
							UL/cUL	TUV/GS	CB	CE	FCC
EBU40	40W	5~48V	2 pin	Single	I	85%				●	

Note:

1 year warranty



DC / DC Converter

LED Power Supply

Isolation Voltage: 1000VDC

Model Number	Output Power	Input Voltage (VDC)	Output Voltage	Output Regulation	Output	Efficiency (Typ.)	Package	Certificate		
								CE	FCC	RoHS
ACX01A	1W	4.5~26.4	3.3~±15V	No	Dual	80%	SIN / 7PIN	●	●	●
ACX01B	1W	4.5~26.4	3.3~±15V	Yes	Dual	80%	SIN / 7PIN	●	●	●
ACX02	2W	4.5~26.4	3.3~±15V	No	Dual	80%	SIN / 7PIN	●	●	●

Isolation Voltage: 1500VDC

Model Number	Output Power	Input Voltage (VDC)	Output Voltage	Output Regulation	Output	Efficiency (Typ.)	Package	Certificate		
								CE	FCC	RoHS
AMX02	2W	4.5~75 (2:1)	3.3~±15V	Yes	Dual	80%	DIP / 16PIN	●	●	●
ASX02	2W	4.5~75 (2:1)	3.3~±15V	Yes	Dual	80%	SMD / 16PIN	●	●	●
AMX04A	4W	9~75 (2:1)	3.3~±15V	Yes	Dual	80%	DIP / 24PIN	●	●	●
AMX04B	4W	9~75 (4:1)	3.3~±15V	Yes	Dual	80%	DIP / 24PIN	●	●	●
AMX06A	6W	9~75 (2:1)	3.3~±15V	Yes	Dual	80%	DIP / 24PIN	●	●	●
AMX06B	6W	9~75 (4:1)	3.3~±15V	Yes	Dual	80%	DIP / 24PIN	●	●	●
AMX08	8W	9~75	3.3~±15V	Yes	Dual	80%	DIP / 24PIN	●	●	●
AMX10	10W	9~75	3.3~±15V	Yes	Dual	80%	DIP / 24PIN	●	●	●
AMX15	15W	9~75	3.3~±15V	Yes	Dual	80%	DIP / 6PIN	●	●	●
AMX20	20W	9~75	3.3~±15V	Yes	Dual	80%	DIP / 6PIN	●	●	●
AMX30	30W	9~75	3.3~±15V	Yes	Dual	80%	DIP / 8PIN	●	●	●
AMX45	45W	18~72 (2:1)	5.0~15V	Yes	Single	80%	DIP / 8PIN	●	●	●
AMX75	75W	9~72 (2:1)	5.0~24V	Yes	Single	80%	DIP / 8PIN	●	●	●

Note:

1~3 year warranty



LED Power Supply

Model Number	Output Power (Max.)	Output Voltage	IP68	Output	Class I/II	Efficiency (Typ.)	Certificate					
							UL/CUL	TUVGS	CB	CE	FCC	CCC
LSU40	40W	12,24V	●	Single	I	84%	●	●	●	●	●	●
LSU60	60W	11~58V	●	Single	I	86%	●	●	●	●	●	●
LSU85A	85W	21~50V	●	Single	I	85%	●	●	●	●	●	●
LSU85B	85W	21~50V	●	Single	I	85%	●	●	●	●	●	●
LSU120A	120W	21~50V	●	Single	I	85%	●	●	●	●	●	●
LSU120B	120W	21~50V	●	Single	I	85%	●	●	●	●	●	●
LSU180	180W	12,24V	●	Single	I	81%	PRELIMINARY					

Note:

LED Power Supply : C.C. Mode + C.V. Mode
5 year warranty



Note

SINPRO

SINPRO

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