

SINPRO

Your Best Power Electronics Partner



Switching Power Supply

Medical / ITE / Industrial / ODM / OEM

E-Mobility Power Solution

Motor / Motor Controller / Charger / DC-DC



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Sinpro Electronics was founded in 1995 and is one of Taiwan's leading manufacturers and designers of power electronics products. We specialize in helping customers address power challenges through customizing and designing power electronics products.

Our power models are designed for demanding and highly regulated industries and own comprehensive protection designs along with all-inclusive safety certifications (CE, CB, UL, TUV, CCC, PSE, FCC, RCM, BIS, etc.). The power supplies meet the latest safety standards (IEC60950-1, IEC60601-1, and IEC62368-1), efficiency regulations (CoC V5/DoE VI), as well as RoHS/REACH regulations.

On the basis of achievement in the power electronics field, Sinpro expands the boundaries in the EV industry and emphasizes developing high-end EV power products for the increasingly growing demand for green power technology.

The Sinpro E-Mobility Power Solution is a combination of hardware, software, and firmware that is specifically designed for the EVs.

- ✔ ISO 9001:2015
- ✔ ISO 14001:2015
- ✔ ISO 13485:2016
- ✔ IATF 16949:2016

Mission Statement

To Make A Better World To Live In and To Build Sustainable Business Management & Value

We constantly innovate and improve the power electronics technology, put the energy-saving plan into practice, and deem them as a core part of who we are.

Vision Statement

We Help You Achieve Industry-Leading Performance

We provide advanced products and services tailored to your needs, helping you create a better future for your business.



Taiwan

Pingtung Factory

- 10,000m² Area
- Surface Mount Line / Insert Component Line / Assembly Line
- Switching Power Supply, EV Components



Taiwan

Kaohsiung Headquarters

- 1,696m² Area
- Financial / Sales / R&D / Marketing



China

Shenzhen Factory

- 7,500m² Area
- Surface Mount Line / Transformer Line / Insert Component Line
- Switching Mode Power Supplies, Transformer, Choke, Output Cable

Switching Power Supply

- Power Supply with Medical & ITE Safety Approvals
- Medical Power Supply
- Medical Power Supply for Healthcare
- ITE Power Supply
- Consumer Power Supply
- Industrial Power Supply
- LED Driver

E-Mobility Power Solution

- Motor
- Motor Controller
- DC/DC Converter
- Battery Charger
- B2B Battery Swap Station(ODM)

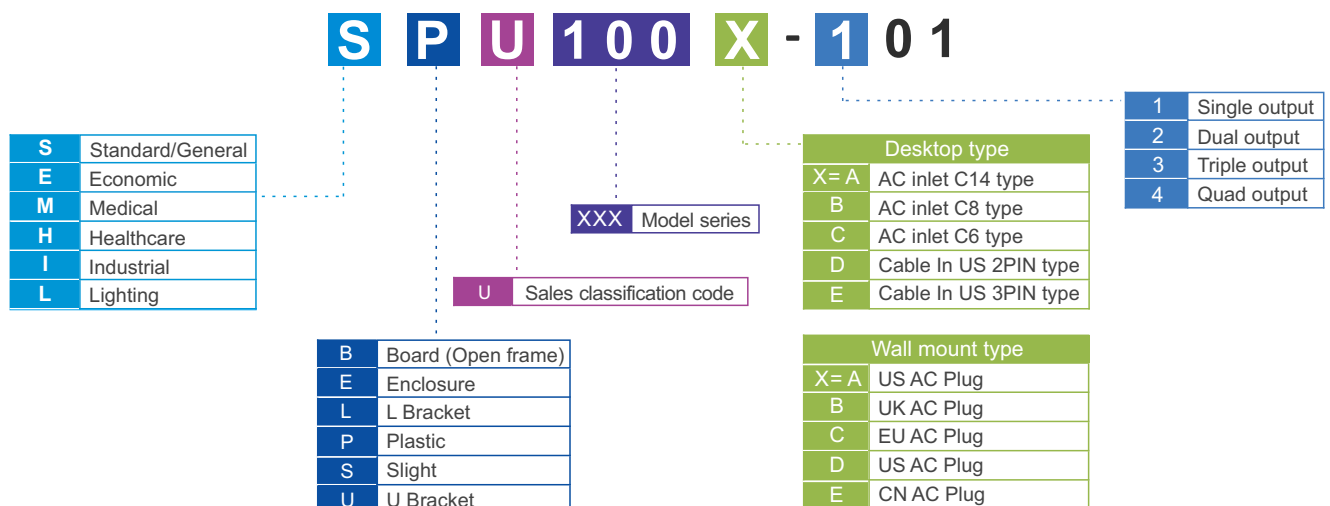
Design: Our engineers follow the Design & Development Regulations to reduce or remove the potential risks that the used material/components or production process could bring.

Production: The manufacturing process follows the Quality Management System that is under ISO international standards to guarantee the best product yield and process capability.

Test: Every batch of the product is imperative to be inspected by following the sampling procedures where we aim to exceed the expectations of our customers and employees.

Product Watt & Model Name

S series	M series	H series	E series	I series	L series
10 ~ 350 W	12 ~ 600 W	10 ~ 250 W	10 ~ 60 W	10 ~ 300 W	85 ~ 180 W





Medical & ITE Safety Approvals

Type: Board / Enclosure
Watt: 52~600W

The series is designed for medical and ITE applications and is certified to both IEC60601-1 and IEC62368-1 safety standards. The power supplies own comprehensive safety protections and 2 x MOPP classification to ensure the safety of the patient, caregiver, and device where the power supply is used.

New Product

52W

HPA52

- 1.97" x 4.53" x 1.22"
- 5V to 48V (output)
- Class I (meet Class II)
- 3-Year Warranty



New Product

65W

HPA65

- 1.97" x 4.53" x 1.22"
- 5V to 48V (output)
- Class I (meet Class II)
- 3-Year Warranty



New Product

600W

HBA600

- 3.00" x 5.00" x 1.40"
- 12V to 48V (output)
- Class I (meet Class II)
- 3-Year Warranty



600W

MEU600

- 3.94" x 8.50" x 1.57"
- 24V to 48V (output)
- Class I
- 3-Year Warranty



250W

HBU250

- 2.00" x 4.00" x 1.28"
- 12V to 48V (output)
- Class I (meet Class II)
- 3-Year Warranty



120W

HEU250

- 2.48" x 4.79" x 1.57"
- 12V to 48V (output)
- Class I (meet Class II)
- 3-Year Warranty



250W

HEU250A-F

- 2.48" x 4.79" x 1.97"
- 12V to 48V (output)
- Class I (meet Class II)
- 3-Year Warranty



250W

HEU250B-F

- 2.48" x 4.79" x 2.00"
- 12V to 48V (output)
- Class I (meet Class II)
- 3-Year Warranty



ITE Power Supply

Type: Board / Enclosure / L Bracket / Plastic / Slight / U Bracket
Watt: 10~350W

The series is designed for ITE applications and is certified to IEC62368-1 safety standard. The power supplies own comprehensive safety protections and are ideal for CCD recorders, audio visual equipment, monitors, surveillance cameras, set-top boxes, etc.



SBU30 30W

- 2.00" x 3.98" x 1.12"
- 3V to 50V (output)
- Class I
- 3-Year Warranty

SBU31 30W

- 1.50" x 4.02" x 0.83"
- 5V to 48V (output)
- Class I
- 3-Year Warranty

SBU58 60W

- 2.00" x 4.00" x 1.06"
- 11V to 48V (output)
- Class I
- 3-Year Warranty

SBU60 63W

- 3.00" x 5.00" x 1.13"
- 3V to 48V (output)
- Class I
- 3-Year Warranty

SBU61 63W

- 3.00" x 5.00" x 1.13"
- 3V to 48V (output)
- Class I
- 3-Year Warranty



SBU80 80W

- 3.00" x 5.00" x 1.13"
- 5V to 15V (output)
- Class I
- 3-Year Warranty

SBU81 80W

- 3.00" x 5.00" x 1.18"
- 5V to 15V (output)
- Class I
- 3-Year Warranty

SBU99 100W

- 2.00" x 4.00" x 1.02"
- 11V to 55V (output)
- Class I
- 3-Year Warranty

SBU100 100W

- 3.00" x 5.00" x 1.18"
- 12V to 30V (output)
- Class I
- 3-Year Warranty

SBU101 100W

- 3.00" x 5.00" x 1.18"
- 12V to 30V (output)
- Class I
- 3-Year Warranty



SBU120 120W

- 3.00" x 5.00" x 1.32"
- 5V to 50V (output)
- Class I
- 3-Year Warranty

SBU150 150W

- 3.00" x 5.00" x 1.40"
- 9V to 48V (output)
- Class I
- 3-Year Warranty

SBU151 150W

- 3.00" x 5.00" x 1.40"
- 9V to 48V (output)
- Class I
- 3-Year Warranty

SBU350 350W

- 3.00" x 5.00" x 1.46"
- 12V to 48V (output)
- Class I
- 3-Year Warranty

SLU180 180W

- 3.13" x 5.00" x 1.54"
- 12V to 48V (output)
- Class I
- 3-Year Warranty



SEU60 63W

- 3.43" x 5.43" x 1.76"
- 3V to 48V (output)
- Class I
- 3-Year Warranty

SEU61 63W

- 3.43" x 5.43" x 1.76"
- 3V to 48V (output)
- Class I
- 3-Year Warranty

SUU60 63W

- 3.21" x 5.00" x 1.38"
- 3V to 48V (output)
- Class I
- 3-Year Warranty

SUU61 63W

- 3.21" x 5.00" x 1.38"
- 3V to 48V (output)
- Class I
- 3-Year Warranty

SUU80 80W

- 3.21" x 5.00" x 1.44"
- 5V to 15V (output)
- Class I
- 3-Year Warranty

ITE Power Supply

Type: Board / Enclosure / L Bracket / Plastic / Slight / U Bracket
 Watt: 10~350W

The series is designed for ITE applications and is certified to IEC62368-1 safety standard.

The power supplies own comprehensive safety protections and are ideal for CCD recorders, audio visual equipment, monitors, surveillance cameras, set-top boxes, etc.



SUU81 80W

- 3.21" x 5.00" x 1.44"
- 5V to 15V (output)
- Class I
- 3-Year Warranty



SUU100 100W

- 3.21" x 5.00" x 1.44"
- 12V to 30V (output)
- Class I
- 3-Year Warranty



SUU101 100W

- 3.21" x 5.00" x 1.44"
- 12V to 30V (output)
- Class I
- 3-Year Warranty



SUU120 120W

- 3.21" x 5.00" x 1.72"
- 5V to 50V (output)
- Class I
- 3-Year Warranty



SUU150 150W

- 3.21" x 5.00" x 1.62"
- 9V to 48V (output)
- Class I
- 3-Year Warranty



SUU151 150W

- 3.21" x 5.00" x 1.62"
- 9V to 48V (output)
- Class I
- 3-Year Warranty



SUU152 140W

- 3.21" x 5.00" x 1.72"
- 9V to 48V (output)
- Class I
- 3-Year Warranty



SUU153 140W

- 3.21" x 5.00" x 1.72"
- 9V to 48V (output)
- Class I
- 3-Year Warranty



SUU180 180W

- 3.21" x 5.00" x 1.54"
- 12V to 48V (output)
- Class I
- 3-Year Warranty



SUU250 250W

- 4.18" x 6.00" x 1.54"
- 12V to 48V (output)
- Class I
- 3-Year Warranty



SUU300 300W

- 4.18" x 6.00" x 1.58"
- 12V to 48V (output)
- Class I
- 3-Year Warranty



SSU85A 85W

- 1.67" x 6.81" x 1.36"
- 21V to 50V (output)
- Class I
- IP68 Rating
- 3-Year Warranty



SSU85B 85W

- 1.67" x 6.81" x 1.36"
- 21V to 50V (output)
- Class I
- IP68 Rating
- 3-Year Warranty



SSU120A 120W

- 1.67" x 7.87" x 1.36"
- 21V to 50V (output)
- Class I
- IP68 Rating
- 3-Year Warranty



SSU120B 120W

- 1.67" x 7.87" x 1.36"
- 21V to 50V (output)
- Class I
- IP68 Rating
- 3-Year Warranty



SPU10 10W

- 1.73" x 2.20" x 1.08"
- 5V to 48V (output)
- Class II
- 3-Year Warranty



SPU15 15W

- 1.71" x 2.36" x 1.58"
- 5V to 48V (output)
- Class II
- 3-Year Warranty



SPU16A 15W

- 1.50" x 3.58" x 1.42"
- 5V to 48V (output)
- Class I
- 3-Year Warranty



SPU16B 15W

- 1.50" x 3.58" x 1.42"
- 5V to 48V (output)
- Class II
- 3-Year Warranty



SPU16C 15W

- 1.50" x 3.58" x 1.42"
- 5V to 48V (output)
- Class I
- 3-Year Warranty

ITE Power Supply

Type: Board / Enclosure / L Bracket / Plastic / Slight / U Bracket
Watt: 10~350W

The series is designed for ITE applications and is certified to IEC62368-1 safety standard. The power supplies own comprehensive safety protections and are ideal for CCD recorders, audio visual equipment, monitors, surveillance cameras, set-top boxes, etc.



SPU16D 15W

- 1.50" x 3.58" x 1.42"
- 5V to 24V (output)
- Class II
- 3-Year Warranty



SPU16E 15W

- 1.50" x 3.58" x 1.42"
- 5V to 48V (output)
- Class I
- 3-Year Warranty



SPU21A 20W

- 1.65" x 4.11" x 1.22"
- 5V to 50V (output)
- Class I
- 3-Year Warranty



SPU21B 20W

- 1.65" x 3.90" x 1.22"
- 5V to 50V (output)
- Class II
- 3-Year Warranty



SPU21C 20W

- 1.65" x 3.90" x 1.22"
- 5V to 50V (output)
- Class I
- 3-Year Warranty



SPU25A 25W

- 1.65" x 4.11" x 1.22"
- 5V to 48V (output)
- Class I
- 3-Year Warranty



SPU25B 25W

- 1.65" x 3.90" x 1.22"
- 5V to 48V (output)
- Class II
- 3-Year Warranty



SPU25C 25W

- 1.65" x 3.90" x 1.22"
- 5V to 48V (output)
- Class I
- 3-Year Warranty



SPU26 25W

- 1.71" x 2.95" x 1.58"
- 5V to 48V (output)
- Class II
- 3-Year Warranty



SPU31 30W

- 1.85" x 4.21" x 1.17"
- 5V to 50V (output)
- Class I
- 3-Year Warranty



SPU41A 50W

- 1.85" x 4.21" x 1.19"
- 5V to 48V (output)
- Class I
- 3-Year Warranty



SPU45 50W

- 2.99" x 5.75" x 1.69"
- 5V to 15V (output)
- Class I
- 3-Year Warranty



SPU61A 60W

- 1.85" x 4.65" x 1.19"
- 12V to 48V (output)
- Class I
- 3-Year Warranty



SPU65 80W

- 3.06" x 6.61" x 1.77"
- 5V to 48V (output)
- Class I
- 3-Year Warranty



SPU100 100W

- 2.99" x 5.75" x 1.69"
- 12V to 48V (output)
- Class I
- 3-Year Warranty



SPU130 130W

- 3.46" x 7.72" x 2.01"
- 3V to 55V (output)
- Class I
- 3-Year Warranty



SPU131 130W

- 3.52" x 7.44" x 1.79"
- 12V to 55V (output)
- Class I
- 3-Year Warranty



SPU151A 150W

- 3.06" x 6.61" x 1.78"
- 12V to 48V (output)
- Class I
- 3-Year Warranty



SPU151B 150W

- 3.06" x 6.61" x 1.78"
- 12V to 48V (output)
- Class II
- 3-Year Warranty

Medical Power Supply

Type: Board / Enclosure / Plastic / U Bracket
Watt: 12~600W

The series is designed for medical applications and is certified to IEC60601-1 safety standard. The power supplies own comprehensive safety protections and 2 x MOPP classification. The series is ideal for ultrasound systems, blood chemistry analyzers, medical imaging equipment, patient monitors, etc.



MBU31 30W

- 1.99" x 4.00" x 1.16"
- 5V to 36V (output)
- Class I
- 5-Year Warranty



MBU81 80W

- 3.01" x 5.00" x 1.11"
- 5V to 36V (output)
- Class I
- 5-Year Warranty



MBU152 150W

- 3.00" x 5.00" x 1.46"
- 12V to 24V (output)
- Class I
- 5-Year Warranty



MBU153 150W

- 3.00" x 5.00" x 1.46"
- 12V to 24V (output)
- Class I
- 5-Year Warranty



MBU250 250W

- 3.00" x 5.00" x 1.46"
- 12V to 48V (output)
- Class I
- 5-Year Warranty



MBU250P 250W

- 3.00" x 5.00" x 1.46"
- 12V to 48V (output)
- Class I
- 5-Year Warranty



MBU500 508.6W

- 3.00" x 5.00" x 1.38"
- 12V to 48V (output)
- Class I
- 5-Year Warranty



MUU152 150W

- 3.21" x 5.00" x 1.66"
- 12V to 24V (output)
- Class I
- 5-Year Warranty



MUU153 150W

- 3.21" x 5.00" x 1.66"
- 12V to 24V (output)
- Class I
- 5-Year Warranty



MEU600 600W

- 3.94" x 8.50" x 1.57"
- 24V to 48V (output)
- Class I
- 3-Year Warranty



MPU12A 12W

- 2.17" x 2.56" x 2.09"
- 5V to 27V (output)
- Class II
- 5-Year Warranty



MPU12B 12W

- 2.17" x 2.52" x 2.37"
- 5V to 27V (output)
- Class II
- 5-Year Warranty



MPU12C 12W

- 2.17" x 2.52" x 2.70"
- 5V to 27V (output)
- Class II
- 5-Year Warranty



MPU16A 15W

- 1.65" x 4.11" x 1.22"
- 5V to 36V (output)
- Class I
- 5-Year Warranty



MPU16B 15W

- 1.65" x 3.90" x 1.22"
- 5V to 36V (output)
- Class II
- 5-Year Warranty



MPU16C 15W

- 1.65" x 3.90" x 1.22"
- 5V to 36V (output)
- Class I
- 5-Year Warranty



MPU31 30W

- 2.56" x 4.65" x 1.52"
- 3V to 40V (output)
- Class I
- 5-Year Warranty



MPU32A 30W

- 1.85" x 4.21" x 1.17"
- 5V to 48V (output)
- Class II
- 5-Year Warranty



MPU32B 30W

- 1.85" x 4.21" x 1.17"
- 5V to 48V (output)
- Class II
- 5-Year Warranty



MPU51 50W

- 2.99" x 5.75" x 1.69"
- 3V to 50V (output)
- Class I
- 5-Year Warranty

Medical Power Supply

Type: Board / Enclosure / Plastic / U Bracket
Watt: 12~600W

The series is designed for medical applications and is certified to IEC60601-1 safety standard. The power supplies own comprehensive safety protections and 2 x MOPP classification. The series is ideal for ultrasound systems, blood chemistry analyzers, medical imaging equipment, patient monitors, etc.



MPU60A 63W

- 2.18" x 5.17" x 1.46"
- 12V to 48V (output)
- Class I
- 5-Year Warranty

MPU60B 63W

- 2.18" x 5.17" x 1.46"
- 12V to 48V (output)
- Class II
- 5-Year Warranty

MPU60C 63W

- 2.18" x 5.17" x 1.46"
- 12V to 48V (output)
- Class I
- 5-Year Warranty

MPU64 63W

- 2.99" x 5.75" x 1.69"
- 5V to 36V (output)
- Class I
- 5-Year Warranty

MPU101 100W

- 3.52" x 7.44" x 1.79"
- 5V to 40V (output)
- Class I
- 5-Year Warranty



MPU130 130W MPU250A 250W

- 3.52" x 7.40" x 1.94"
- 12V to 24V (output)
- Class I
- 5-Year Warranty

- 2.56" x 7.87" x 1.77"
- 12V to 48V (output)
- Class I
- 5-Year Warranty

Features:

- IEC / EN / ES 60601-1, CSA C22.2 NO. 60601-1:14
- Means of Protection: 2 X MOPP
- High ESD Immunity
- Regulated Output with Low Ripple Noise
- EMI/EMS Certified

Medical Power Supply for Healthcare

Type: Board / Plastic
Watt: 10~180W

HBU32 30W

- 1.50" x 4.02" x 0.87"
- 5V to 40V (output)
- Class II
- 3-Year Warranty



HBU40 40W

- 1.00" x 4.00" x 1.28"
- 5V to 59V (output)
- Class II
- 3-Year Warranty



HBU50 50W

- 1.00" x 4.00" x 1.28"
- 5V to 50V (output)
- Class II
- 3-Year Warranty

HBU58 60W

- 1.50" x 4.00" x 1.04"
- 5V to 50V (output)
- Class I
- 3-Year Warranty

HBU60 60W

- 2.00" x 3.98" x 1.00"
- 12V to 40V (output)
- Class I
- 3-Year Warranty

HBU63 60W

- 2.00" x 3.00" x 1.05"
- 5V to 48V (output)
- Class I
- 3-Year Warranty

HBU75 75W

- 1.50" x 4.02" x 1.06"
- 5V to 50V (output)
- Class I
- 3-Year Warranty

Medical Power Supply for Healthcare

Type: Board / Plastic
Watt: 10~180W

The series is designed for medical applications and is certified to IEC60601-1 safety standard. The power supplies own comprehensive safety protections and 2 x MOPP classification. The series is ideal for breathing therapy devices, blood pressure systems, portable medical devices, ECG, EEG, medical tablet, etc.



HBU60F 100W **HBU100 100W** **HBU100F 150W** **HBU200 200W** **HPU10A 10W**

- 2.00" x 3.98" x 1.00"
- 12V to 40V (output)
- Class I
- 3-Year Warranty
- 2.00" x 4.00" x 1.02"
- 11V to 50V (output)
- Class I
- 3-Year Warranty
- 2.00" x 4.00" x 1.02"
- 11V to 50V (output)
- Class I
- 3-Year Warranty
- 2.00" x 4.00" x 1.75"
- 12V to 48V (output)
- Class I
- 3-Year Warranty
- 1.73" x 2.20" x 1.08"
- 3V to 55V (output)
- Class II
- 3-Year Warranty



HPU15 15W **HPU25 25W** **HPU26 25W** **HPU32A 30W** **HPU32B 30W**

- 1.71" x 2.30" x 1.58"
- 3V to 55V (output)
- Class II
- 3-Year Warranty
- 1.71" x 2.95" x 1.58"
- 3V to 55V (output)
- Class II
- 3-Year Warranty
- 1.97" x 3.66" x 1.55"
- 5V to 48V (output)
- Class II
- 3-Year Warranty
- 1.85" x 4.21" x 1.17"
- 5V to 48V (output)
- Class II
- 3-Year Warranty
- 1.85" x 4.21" x 1.17"
- 5V to 48V (output)
- Class II
- 3-Year Warranty



HPU40 40W **HPU63A 63W** **HPU63B 63W** **HPU63C 63W** **HPU101 100W**

- 1.97" x 3.66" x 1.55"
- 5V to 48V (output)
- Class II
- 3-Year Warranty
- 2.18" x 5.17" x 1.46"
- 12V to 48V (output)
- Class I
- 3-Year Warranty
- 2.18" x 5.17" x 1.46"
- 12V to 48V (output)
- Class II
- 3-Year Warranty
- 2.18" x 5.17" x 1.46"
- 12V to 48V (output)
- Class I
- 3-Year Warranty
- 2.99" x 5.75" x 1.69"
- 11V to 48V (output)
- Class I
- 3-Year Warranty



HPU150A 150W **HPU150B 150W** **HPU180A 180W** **HPU180B 180W**

- 3.06" x 6.61" x 1.78"
- 12V to 48V (output)
- Class I
- 3-Year Warranty
- 3.06" x 6.61" x 1.78"
- 12V to 48V (output)
- Class II
- 3-Year Warranty
- 3.52" x 7.40" x 1.94"
- 12V to 48V (output)
- Class I
- 3-Year Warranty
- 3.52" x 7.40" x 1.94"
- 12V to 48V (output)
- Class II
- 3-Year Warranty

Consumer Power Supply

Type: Board / Plastic
Watt: 10~60W

The series is certified to IEC62368-1 safety standard and is ideal for monitors, set-top boxes, AV equipment, portable monitors, Ethernet hubs, etc.



EPU40 40W

- 1.75" x 4.00" x 1.00"
- 5V to 48V (output)
- Class I
- 1-Year Warranty

EPU10 10W

- 1.73" x 2.20" x 1.08"
- 5V to 48V (output)
- Class II
- 1-Year Warranty

EPU15 15W

- 1.71" x 2.36" x 1.58"
- 5V to 48V (output)
- Class II
- 1-Year Warranty

EPU16A 15W

- 1.50" x 3.58" x 1.42"
- 5V to 48V (output)
- Class I
- 1-Year Warranty

EPU16B 15W

- 1.50" x 3.58" x 1.42"
- 5V to 48V (output)
- Class II
- 1-Year Warranty



EPU16C 15W

- 1.50" x 3.58" x 1.42"
- 5V to 48V (output)
- Class I
- 1-Year Warranty

EPU16D 15W

- 1.50" x 3.58" x 1.42"
- 5V to 48V (output)
- Class II
- 1-Year Warranty

EPU16E 15W

- 1.50" x 3.58" x 1.42"
- 5V to 48V (output)
- Class I
- 1-Year Warranty

EPU20A 20W

- 1.65" x 4.11" x 1.22"
- 5V to 50V (output)
- Class I
- 1-Year Warranty

EPU20B 20W

- 1.65" x 3.90" x 1.22"
- 5V to 50V (output)
- Class II
- 1-Year Warranty



EPU20C 20W

- 1.65" x 3.90" x 1.22"
- 5V to 50V (output)
- Class I
- 1-Year Warranty

EPU26 25W

- 1.71" x 2.95" x 1.58"
- 5V to 48V (output)
- Class II
- 1-Year Warranty

EPU40A 50W

- 1.85" x 4.21" x 1.19"
- 5V to 48V (output)
- Class I
- 1-Year Warranty

EPU60A 60W

- 1.85" x 4.65" x 1.19"
- 12V to 48V (output)
- Class I
- 1-Year Warranty

LED Driver

Type: Slight
Watt: 85~180W

The LED drivers own comprehensive protection designs and meet IP68 standard. The drivers are ideal for streetlights, pathway lights, garden lights, landscape lighting, etc.



LSU85A 85W

- 1.67" x 7.60" x 1.36"
- 24V to 48V (output)
- Class I
- IP68 Rating
- 3-Year Warranty

LSU85B 85W

- 1.67" x 7.60" x 1.36"
- 24V to 48V (output)
- Class I
- IP68 Rating
- 3-Year Warranty

LSU120A 120W

- 1.67" x 8.64" x 1.36"
- 24V to 48V (output)
- Class I
- IP68 Rating
- 3-Year Warranty

LSU120B 120W

- 1.67" x 8.64" x 1.36"
- 24V to 48V (output)
- Class I
- IP68 Rating
- 3-Year Warranty

LSU180B 180W

- 2.28" x 8.83" x 1.72"
- 12V to 24V (output)
- Class I
- IP68 Rating
- 3-Year Warranty

Industrial Power Supply

Type: Board / Enclosure / L Bracket / Plastic / U Bracket
Watt: 10~300W

The series is designed for industrial applications and is certified to IEC62368-1 safety standard. The power supplies own comprehensive safety protections and provide stable and reliable operation in challenging industrial environments. The series is ideal for set-top boxes, Ethernet hubs, monitors, AV equipment, etc.



IBU58 60W

- 2.00" x 4.00" x 1.06"
- 11V to 48V (output)
- Class I
- 5-Year Warranty

IBU80 80W

- 3.00" x 5.00" x 1.18"
- 5V to 15V (output)
- Class I
- 5-Year Warranty

IBU81 80W

- 3.00" x 5.00" x 1.18"
- 5V to 15V (output)
- Class I
- 5-Year Warranty

IBU100 100W

- 3.00" x 5.00" x 1.18"
- 12V to 30V (output)
- Class I
- 5-Year Warranty

IBU101 100W

- 3.00" x 5.00" x 1.18"
- 12V to 30V (output)
- Class I
- 5-Year Warranty



IBU120 120W

- 3.00" x 5.00" x 1.32"
- 5V to 50V (output)
- Class I
- 5-Year Warranty

ILU180 180W

- 3.13" x 5.00" x 1.54"
- 12V to 48V (output)
- Class I
- 5-Year Warranty

IIU80 80W

- 3.21" x 5.00" x 1.44"
- 5V to 15V (output)
- Class I
- 5-Year Warranty

IIU81 80W

- 3.21" x 5.00" x 1.44"
- 5V to 15V (output)
- Class I
- 5-Year Warranty

IIU100 100W

- 3.21" x 5.00" x 1.44"
- 12V to 30V (output)
- Class I
- 5-Year Warranty



IIU101 100W

- 3.21" x 5.00" x 1.44"
- 12V to 33V (output)
- Class I
- 5-Year Warranty

IIU120 120W

- 3.21" x 5.00" x 1.72"
- 5V to 50V (output)
- Class I
- 5-Year Warranty

IIU180 180W

- 3.21" x 5.00" x 1.54"
- 12V to 48V (output)
- Class I
- 5-Year Warranty

IIU250 250W

- 4.18" x 6.00" x 1.58"
- 12V to 48V (output)
- Class I
- 5-Year Warranty

IIU300 300W

- 4.18" x 6.00" x 1.58"
- 12V to 48V (output)
- Class I
- 5-Year Warranty



IPU10 10W

- 1.73" x 2.20" x 1.08"
- 5V to 48V (output)
- Class II
- 5-Year Warranty

IPU15 15W

- 1.71" x 2.36" x 1.58"
- 5V to 48V (output)
- Class II
- 5-Year Warranty

IPU16A 15W

- 1.50" x 3.58" x 1.42"
- 5V to 48V (output)
- Class I
- 5-Year Warranty

IPU16B 15W

- 1.50" x 3.58" x 1.42"
- 5V to 24V (output)
- Class II
- 5-Year Warranty

IPU16C 15W

- 1.50" x 3.58" x 1.42"
- 5V to 48V (output)
- Class I
- 5-Year Warranty

Industrial Power Supply

Type: Board / Enclosure / L Bracket / Plastic / U Bracket
Watt: 10~300W

The series is designed for industrial applications and is certified to IEC62368-1 safety standard. The power supplies own comprehensive safety protections and provide stable and reliable operation in challenging industrial environments. The series is ideal for set-top boxes, Ethernet hubs, monitors, AV equipment, etc.



IPU16D 15W

- 1.50" x 3.58" x 1.42"
- 5V to 24V (output)
- Class II
- 5-Year Warranty



IPU16E 15W

- 1.50" x 3.58" x 1.42"
- 3V to 48V (output)
- Class I
- 5-Year Warranty



IPU21A 20W

- 1.65" x 4.11" x 1.22"
- 5V to 50V (output)
- Class I
- 5-Year Warranty



IPU21B 20W

- 1.65" x 3.90" x 1.22"
- 5V to 50V (output)
- Class II
- 5-Year Warranty



IPU21C 20W

- 1.65" x 3.90" x 1.22"
- 5V to 50V (output)
- Class I
- 5-Year Warranty



IPU25A 25W

- 1.65" x 4.11" x 1.22"
- 5V to 48V (output)
- Class I
- 5-Year Warranty



IPU25B 25W

- 1.65" x 3.90" x 1.22"
- 5V to 48V (output)
- Class II
- 5-Year Warranty



IPU25C 25W

- 1.65" x 3.90" x 1.22"
- 5V to 48V (output)
- Class I
- 5-Year Warranty



IPU26 25W

- 1.71" x 2.95" x 1.58"
- 5V to 48V (output)
- Class II
- 5-Year Warranty



IPU31 30W

- 1.85" x 4.21" x 1.17"
- 5V to 50V (output)
- Class I
- 5-Year Warranty



IPU41A 50W

- 1.85" x 4.21" x 1.19"
- 5V to 48V (output)
- Class I
- 5-Year Warranty



IPU45 50W

- 2.99" x 5.75" x 1.69"
- 3V to 50V (output)
- Class I
- 5-Year Warranty



IPU61A 60W

- 1.85" x 4.65" x 1.19"
- 12V to 48V (output)
- Class I
- 5-Year Warranty



IPU65 80W

- 3.06" x 6.61" x 1.77"
- 5V to 48V (output)
- Class I
- 5-Year Warranty



IPU80 80W

- 2.99" x 5.75" x 1.69"
- 11V to 48V (output)
- Class I
- 5-Year Warranty



IPU100 100W

- 2.99" x 5.75" x 1.69"
- 12V to 48V (output)
- Class I
- 5-Year Warranty



IPU130 130W

- 3.46" x 7.72" x 2.01"
- 3V to 55V (output)
- Class I
- 5-Year Warranty

The Sinpro E-Mobility Power Solution is a combination of hardware, software, and firmware that is specifically designed for the EVs, such as electric scooters, ATVs, Go-Karts, 4-wheeled electric pickup trucks, etc., making riding a pleasant experience.

7.6kW



Electric Motor

MVWF7K6-102

- Motor Type: IPMSM (Interior Permanent Magnet Synchronous Motor)
- Cooling Method: Water-Cooling System
- Rated Input Voltage: 39VAC, 3 Phase
- Input Current: 160A
- Gear Ratio: 3:1
- Operating Water Temperatures: -20°C to +55°C
- IP67 Rating



7.6kW



Electric Motor Controller

DVWF7K6-102

- Rated Input Voltage: 96 VDC
- Cooling Method: Water-Cooling System
- Output Voltage: 39 VAC, 3 Phase
- Output Power: 7600W
- Output Current: 160A
- Operating Temperatures: -20°C to +55°C
- IP67 Rating



150W



DC-DC Converter for Electric Vehicles

VED150-106

- Single Output
- C.C. Mode + C.V. Mode
- Wide Operating Voltage 28 to 59 VDC
- Constant Current: 12A
- Constant Voltage: 14.2V
- Built-In OR-ing Diode
- Protection: Output OVP, OLP, OTP, Input/Output Reverse Polarity Protection
- IP67 Rating
- 3-Year Warranty

168W



DC-DC Converter for Electric Vehicles

VEK168-106

- Single Output
- C.C. Mode + C.V. Mode
- Wide Operating Voltage 60 to 118 VDC
- Constant Current: 12A
- Constant Voltage: 14V
- Built-In OR-ing Diode
- Protection: Output OVP, OLP, OTP, Input/Output Reverse Polarity Protection
- IP67 Rating
- 3-Year Warranty



E-UTV



E-ATV



E-Gokart



E-Antique Car



E-Scooter



E-Bike

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697W



EV Charger for EV Charging Station

BEU700

- Size: 4.50" x 9.25" x 1.60"
- Operating Voltage: 99 to 264 VAC, 47 to 63 Hz
- Single Output
- Programmable C.V. + C.C.
- RS-485 Communication Format
- 2-Year Warranty

3.3kW



On-Board Charger for Electric Motorcycles

BEU3K3-277

- Size: 241 x 163 x 103mm
- Weight: 4.5kg
- High Efficiency up to 95%
- Operating Temperature: -35 to +50°C
- AC Input Voltage Range: 100~240V
- CAN Bus Interface
- Water-Cooled
- IP67 Rating

173W



Portable EV Smart Charger, Wallbox Charger

BPU170-112

- Size: 195.5 x 86.0 x 35.2mm
- Single Output
- Class II
- Programmable C.V.+C.C.
- Wide Operating Voltage 90 to 264 VDC, 47 to 63 Hz
- OVP, UVP, Charging Timing Protection
- CAN Optional
- 2-Year Warranty

B2B Battery Swap Station ▶

- Modular Design
- Customization
- Cloud Operation Interface





SINPRO

Your Best Power Electronics Partner



CONTACT US

✉ sales@sinpro.com

☎ +886-7-396-6100

📄 +886-7-396-6106

www.sinpro.com



TAIWAN KAOHSIUNG HEADQUARTERS

18F, NO.80, Minzu 1st Rd., Sanmin District,
Kaohsiung City 807, Taiwan

TAIWAN PINGTUNG FACTORY

No.5, Yuanxi St., Pingtung Technology Industrial Park,
Pingtung City, Pingtung County 900, Taiwan