

General Information

Ti Smart 12/24V Constant Voltage Power Supplies with Multi-Ports are specially designed to light up low voltage DC powered luminaires and devices, particularly for furniture lighting.

With **low profile design**, only 18mm in depth, **Ti Smart Power Supplies** can be hidden away easily during installation.

Customer can benefit from the convenient installation through the **integrated Plug & Play system** with multiple DuPont 2.54 ports.

Ti Smart Series power supplies offer **12v and 24v** constant voltage DC output with powers of 18w, 24w, 30w, 36w, 60w, 100w and 200w.

Full range are protected from short circuiting, overloading, overheating and electrical surge. This make the unit ideal to power up other low voltage low power consumption applications.

Materials: Polycarbonate, 94V - 0

Finishing: Matt White

Certification: CE , LVD EN61347, EMC EN55015, EN61547, EN61000, RoHS, CCC,

Location: Indoor-use Only.

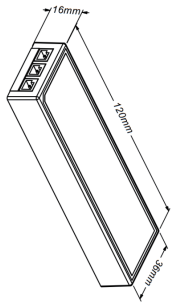
Warranty: 3 Year

Technical Information

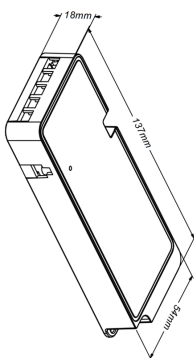
Ti Smart Power Supplies 24V DC

Power	18W	24W	36W	60W	100W	-
Input Voltage (AC)	AC 220-240V					
Input Current	0.11A	0.16A	0.22A	0.36A	0.59A	-
Inrush Current Max. (A)	52A @230V	56A @230V	60A @230V	79A @230V	102A @230V	-
Surge Protection	1kv	1.5kv	1.5kv	1.5kv	1.5kv	-
Efficiency at full load	81%	82%	84%	85%	87%	-
Frequency (Hz)	50/60Hz					
Output Voltage	24V +/- 5%					
Total Output Current	0 - 0.75A	0 - 1A	0 - 1.5A	0 - 2.5A	0 - 415A	-
Working Temperature	Temperature: -15°C ~ 40°C, DO NOT cover with insulation materials; Humidity: 10-90% RH					
Protection	Class II, Short Circuit Protection, Overload Protection, Thermal Protection, Surge Protection					
IP Rating	IP20					
Certifications	CE, LVD, EMC, RoHS, CCC					
Safety Standards	EN61347; EN55015; EN61547; EN61000					
AC Input Connector	IEC 320 C8 on the Power Supply Unit, Compatible with IEC 320 C7 cable					
DC Output Connector	DuPont 2.54 White L+ R- (Order Code: WL); Black L+ R- (Order Code: BL)					
DC Output Ports	3x 3A port	5x 3A port	5x 3A port	7x 3A port; 1x 5A port	7x 3A port; 1x 5A port	-
Sensor Port	1 PHB 2.0 3Pin: (L + M s R -)					
Dimensions (LxWxH)mm	120x35.5x16mm	137x54x18mm	149x56x18mm	189x56x18mm	239x56x18mm	

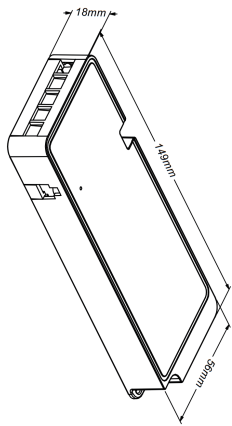
18W TS12/TS24-18X-XX Series



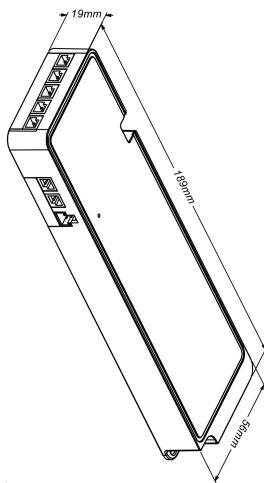
24W TS12/TS24-24X-XX Series



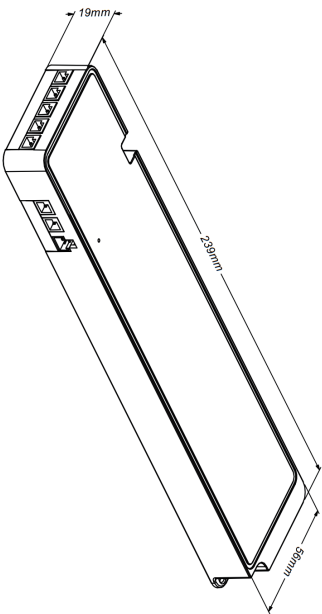
36W TS12/TS24-36X-XX Series



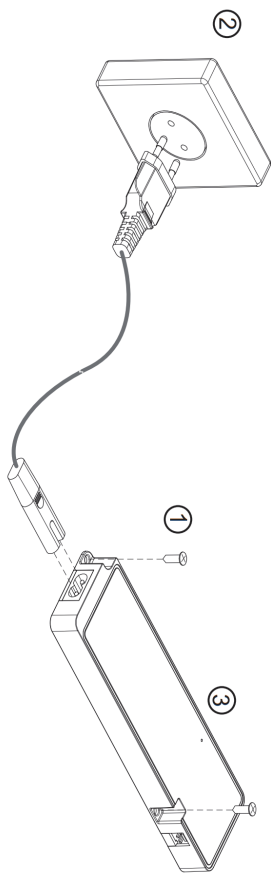
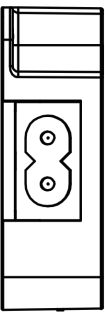
60W TS12/TS24-60X-XX



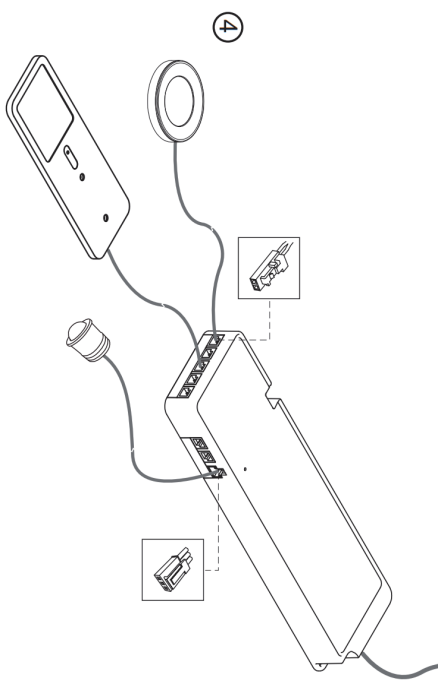
100W TS12/TS24-100X-XX Series & 150W TS12-150X-XX



AC Input Connector IEC320 C8



1. Place the power supply unit on even surface, may fix it by screws.
2. Connect the AC mains lead to the power supply unit and the power supply socket.
3. The White light indicator will illuminate automatically, that shows the power supply unit is in working condition, now you may connect the low voltage devices to the power supply units.



4. Connect the low voltage devices through prewired Dupont 2.54 male plug; You may control the output of the power supply unit by connecting sensors with PHB 2.0 3Pin male plug (L + M S R -). For more information, please check with specifications and manual for sensors.

Disclaimer: Information provided in this specification sheet & manual is for information purpose only; Actual product specification may vary due to product enhancement from time to time. Please ask account manager for the latest version of specification at request.