

- Universal Input with PFC
- High Efficiency
- High Reliability 100% Full Load Burn In
- Short Circuit, Over Load, Over Voltage, Over Temp Protection
- Full Approvals : UL/CUL/TUV/CB/CE
- 3 Year Warranty
- Variable Speed Fan
- Built in remote control
- DC OK Signal
- Parallel Facility For Up To 2.4kW



Specification

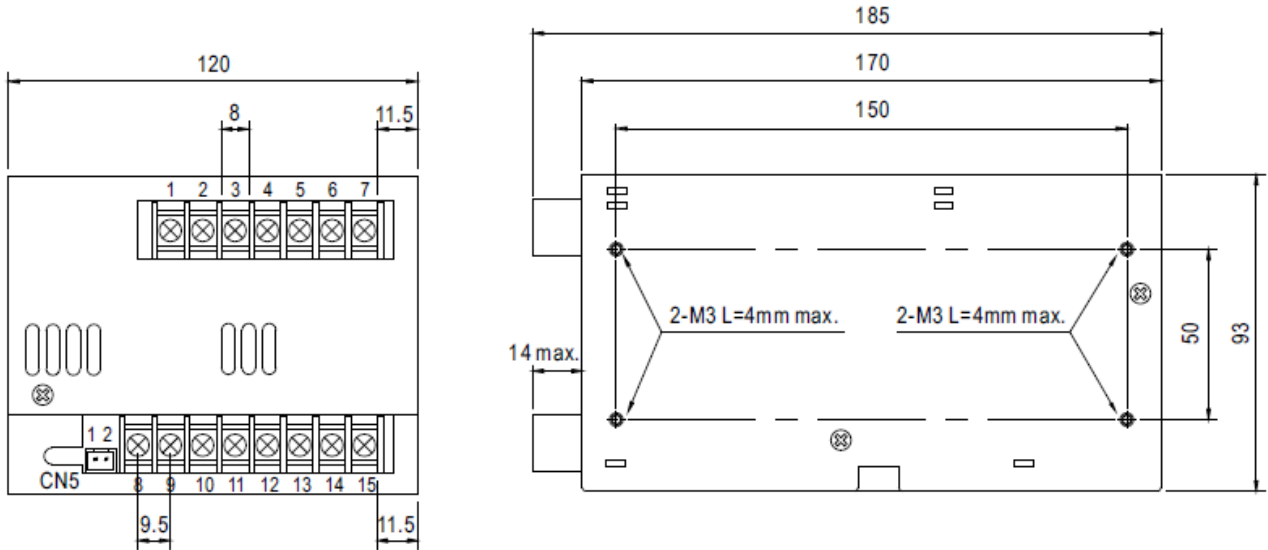
Input Voltage.....	88~264 VAC, 47~63 Hz (124~370 VDC)
Power Factor.....	0.99 @ 115 VAC, 0.95 @ 230 VAC
Output Voltage.....	See table below (plus adjustment range +/-10% min.)
Over Load Protection.....	105~135% rated output power
Over Voltage Protection.....	Shut down O/P voltage, re-power on to recover
Line Regulation.....	+/-0.5%
Load Regulation.....	+/-0.5% (+/-1% for 5V model)
Set Up, Rise, Hold Up Time.....	1500 ms, 50 ms, 20 ms @ full load
Isolation Voltage (kVAC).....	I/P-O/P : 3 kVAC, I/P-FG:1.5 kVAC, O/P-FG:0.5 kVAC
Operating Temperature.....	-20 to +60 °C, see derating curve
Leakage Current.....	<1.3mA @ 240VAC
Safety Standards.....	UL60950-1, TUV EN60950-1
EMC Standard.....	EN55022 (CISPR22) Class B, EN61000-4-2, 3, 4, 5, 6, 8, 11 EN61000-3-2,3 , ENV50204
Mechanical.....	185(L) (inc. screw terminals) x 120(W) x 93(H) mm DIN rail or wall mounting brackets available
MTBF.....	116.4 k hrs (MIL-HDBK-217F) @ 25 °C
Weight.....	1.9 kg each

Models and Ratings

Model	Output	Adjustment	Ripple/Noise	Efficiency
PSP-600-5	5.0 V / 80 A	4.75~5.5 V	180 mV	79%
PSP-600-12	12.0 V / 50 A	10.0~13.2 V	240 mV	84%
PSP-600-13.5	13.5 V / 44.5 A	12.0~15.0 V	240 mV	85%
PSP-600-15	15.0 V / 40 A	13.5~18.0 V	240 mV	85%
PSP-600-24	24.0 V / 25 A	20.0~26.4 V	240 mV	86%
PSP-600-27	27.0 V / 22.2 A	24.0~30.0 V	240 mV	86%
PSP-600-48	48.0 V / 12.5 A	41.0~56.0 V	300 mV	87%

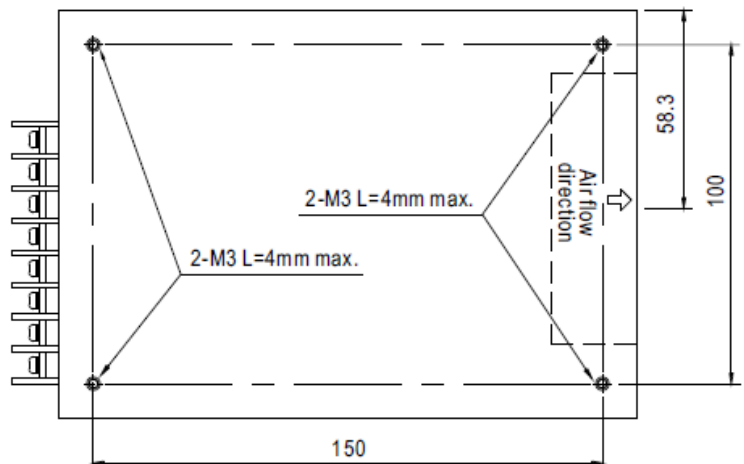
For mechanical & connection details see next page

Mechanical Details



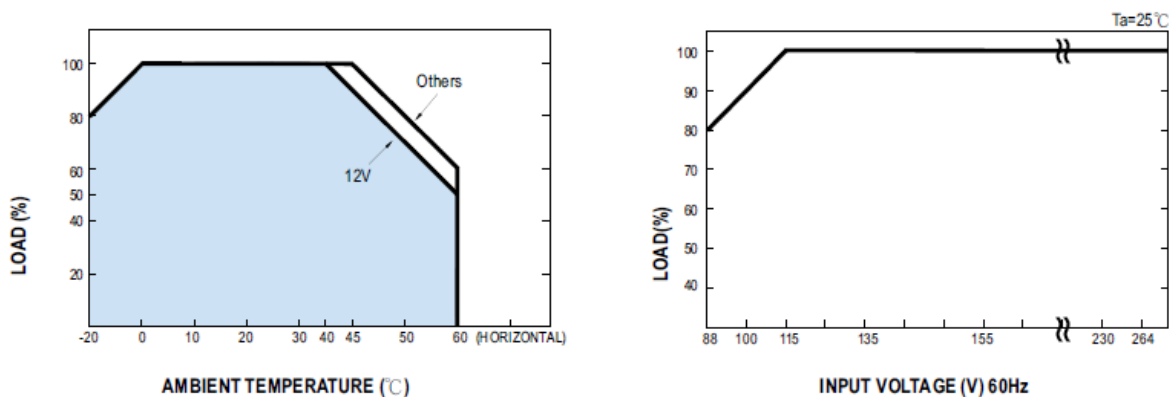
Terminal Details

Terminal	Function
1	AC Live
2	AC Neutral
3	F/G
4	Current Share
5	Power OK
6	- Remote
7	+ Remote
8~11	+ V Out
12~15	-V Out



Remote Sense Conn. (CN5) JST B-XH or equiv.			
Pin	Function		
1	+ Remote Sense	JST XHP or equivalent	JST SXH-001T or equivalent
2	- Remote Sense		

Derating Curves



Specifications can change without notice, E&OE. ALL PSU Terms & Conditions apply.
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