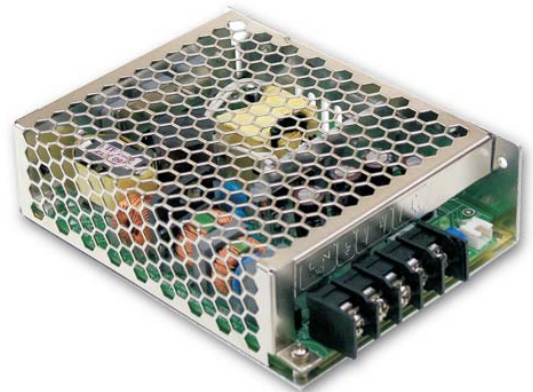


75 Watt, HRP-75 Series, Enclosed Power Supply

ALL PSU LTD
Electronic Power Solutions

- Universal AC Input With Active PFC
- Cooling By Free Air Convection
- Ultra High Reliability, 5 Year Warranty
- Short Circuit, Over Voltage, Over Load Protection
- Full Approvals : UL/CUL/TUV/CB/CE
- Remote On/Off Control
- Compact Footprint And 1U Low Profile 38mm
- No Load Power Consumption <0.5 W
- Withstand 300VAC Surge Input for 5 Seconds



Specification

Input Voltage.....	.85~264 VAC, 47~63 Hz (120-370 VDC)
Power Factor.....	0.90 @ 230 VAC, 0.95 @ 115 VAC
Inrush Current.....	(typ.) 35A / 115VAC, 65A / 230VAC
Output Voltage.....	See table below (plus -5% ~ +10% typ pot adjustment range)
Over Load Protection.....	105~135% O/P Constant Current Limiting auto recovery
Over Voltage Protection.....	115~145%
Over Temperature Protection.....	Shuts Down, Automatic recover when cooled (Optional)
Set Up, Rise, Hold Up Time.....	(typ.) 1800ms, 25ms, 50ms @ Full Load 230 VAC Input
Withstand Voltage.....	I/P-O/P: 3 kVAC, I/P-F/G: 1.5kVAC, O/P-F/G: 0.5kVAC
Operating Temperature	-40 to +70 °C, see derating curve
Safety Standards.....	UL60950-1 TUV EN60950-1
EMC.....	EN55022, (CISPR22) Class B, EN61000-4-2,3,4,5,6,8,11 EN61000-3-2,3 ENV50204, EN55024, EN61000-6-2, Heavy Industrial Level Criteria A
MTBF.....	394.8K hrs, MIL-HDBK-217F @ 25°C
Mechanical	129 x 98 x 38 mm
Connections Input & Output.....	Screw Terminals

Models and Ratings

Model	Output Voltage	Output Range	Max Output Current	Efficiency
HRP-75-3.3	3.3 V	3.1 to 3.8 V	15.0 A	77 %
HRP-75-5	5 V	4.7 to 5.8 V	15.0 A	82.5 %
HRP-75-7.5	7.5 V	7.1 to 9 V	10.0 A	84 %
HRP-75-12	12 V	11 to 13.8 V	6.3 A	87 %
HRP-75-15	15 V	14.2 to 18 V	5.0 A	88%
HRP-75-24	24 V	21 to 28.8 V	3.2 A	88.5 %
HRP-75-36	36 V	32 to 39.6 V	2.1 A	89 %
HRP-75-48	48 V	45 to 55.2 V	1.6 A	89 %

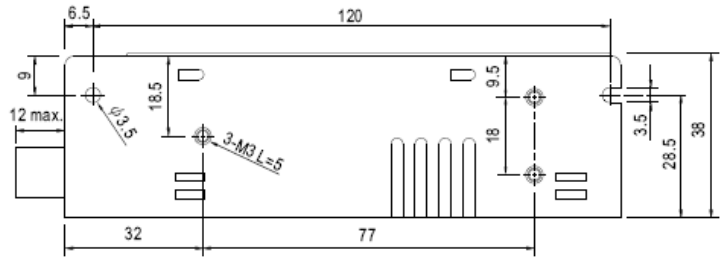
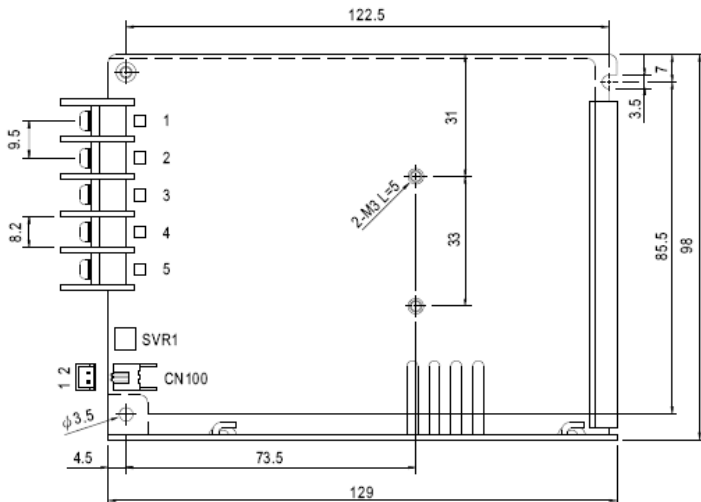
Please see next page for mechanical drawings.

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75 Watt, HRP-75 Series, Enclosed Power Supply

ALL PSU LTD
Electronic Power Solutions

Mechanical Drawings.



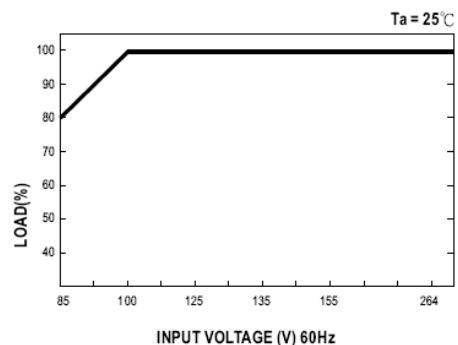
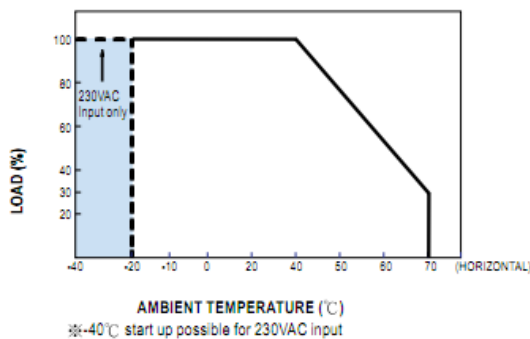
AC Input & DC Output Connections

Terminal	Function	Terminal	Function
1	AC Live	4	DC Output -V
2	AC Neutral	5	Dc Output +V
3	Input Earth		

Remote ON/OFF (CN100) : JST B-XH Or Equivalent

Pin No	Assignment	Mating Housing	Terminal
1	RC-	JST XHP Or Equivalent	JST SXH-001T Or Equivalent
2	RC+		

Derating, (Input AC Supply & Temperature)



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

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