

ALL PSU DATA SHEET.

15 Watt Open Frame DC-DC Converter, PSD 15 Series.

- * DC Inputs From 9.2 to 72 V
- * 2000 Volts Isolated Output
- * Low Ripple, Built In Filter
- * Protections, Short Circuit, Over Load, Over Voltage, Over Temperature.
- * High Reliability
- * Conformal Coating Option
- * CE Marked.



Size 94 x 49 x 25mm

Specification.

Input Voltage	See Table Below, Inputs From 9.2~72 VDC
Output Voltage	See Table Below,
Output Tolerance	+/-2% including Set up, Line & Load Regulation
Line & Load Regulation	+/-1% (max)
Over Load Protection	105~150% Hiccup Mode, Auto Recovery
Over Voltage Protection	115 to 135% of rated output voltage
Withstand Voltage	2KVAC I/P-O/P,
Working Temperature	-10~+50°C full power (Derates to 60% @ 60°C)
Safety Standards	Meets LVD Requirements, CE Marked.
EMC Standards	EN55022 class B, EN61000-4-2,3,4,6,8, ENV50204 EN55024, Light Industrial Level, Criteria A
Mechanical Size	94 x 49 x 25mm
Connections	Input & Output JST VHR Plug in

Model	Input Voltage	Output Voltage/Current	Ripple & Noise	Efficiency
PSD-15A-05	9.2~18 VDC	5 Volts / 3 Amps	50mV	74%
PSD-15A-12	9.2~18 VDC	12 Volts / 1.25 Amps	100mV	78%
PSD-15A-24	9.2~18 VDC	24 Volts / 0.6 Amps	100mV	78%
PSD-15B-05	18~36 VDC	5 Volts / 3 Amps	50mV	67%
PSD-15B-12	18~36 VDC	12 Volts / 1.25 Amps	100mV	78%
PSD-15B-24	18~36 VDC	24 Volts / 0.6 Amps	100mV	78%
PSD-15C-05	36~72 VDC	5 Volts / 3 Amps	50mV	72%
PSD-15C-12	36~72 VDC	12 Volts / 1.25 Amps	100mV	78%
PSD-15C-24	36~72 VDC	24 Volts / 0.6 Amps	100mV	79%

Alternative PCB Mounting Converters Are Available From 0.5 Watt To 500 Watts And Fully Enclosed, Chassis Or Rack Versions Are Available Up To 2400 Watts.

More Details Can Be Seen At www.allpsu.co.uk

For full specification and mechanical details please contact ALL PSU sales office. Specifications may change without notice, E&OE. ALL PSU Terms & Conditions Apply.

ALL PSU Ltd, Unit D6 Laser Quay, Culpeper Close, Medway City Estate,
Rochester, Kent, ME2 4HU, Tel : 01634 725527, Fax : 01634 739111
Email : sales@allpsu.co.uk, Web : www.allpsu.co.uk