IDU DT6 AC Adapter

IDU DT6 AC Adapter is a power supply for IDU-DT6 aggregation unit.
For the purpose of redundancy, two power supplies can be connected to an IDU-H unit, where one power supply backs up the second power supply. The IDU-DT6 DC power is supplied with country dependent AC plugs.

Product Specifications

Electrical	
DC Voltage (Typ.)	54.4 V
Continues Output Current (Typ)	4 A
Rated Power	217.6 W
Voltage Range	90 ~ 264 VAC 127 ~ 370 VDC
Frequency Range	47 ~ 63 Hz
Power Factor (Typ)	PF>0.90/230 VAC PF>0.98/115 VAC at full load
AC Current	4 A/115 VAC 2A/230 VAC
Inrush Current (max)	120 A/230 VAC
Leakage Current (max)	1.5 mA/240 VAC
Protection	
Overload	90 ~ 110% rated output power , Constant current limiting recovers automatically after fault condition is
Short Circuit	Hiccup mode, recovers automatically after fault condition is removed
Over Voltage	105 ~ 135% rated output voltage, Shut down o/p voltage, re-power on to recover
Over Temperature	95˚C ±10˚C (TSW1) detect on heatsink of power transistor, Shut down o/p voltage, recovers automatically after temperature goes down
Environment	
Working Temperature	-30˚C ±60˚C
Working Humidity	20% ~ 90% RH non-condensing
Storage Temp. Humidity	-40˚C ~ +85˚C, 10 ~ 95% RH
Vibration	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes
Safety & EMC	
Safety Standards	TUV EN60950-1
Withstand Voltage	I/P-O/P: 3KVAC
Isolation Resistance	I/P-O/P:100M Ohms / 500VDC / 25˚C / 70% RH
EMI Conduction & Radiation	Compliance with EN55022 class B
Harmonic Current	Compliance with EN61000-3-2
EMS Immunity	Compliance with EN61000-4-2
Dimensions	
Dimensions	210 mm (L) x 85 mm (W) x 46 mm (H)

Note: List according to AC plug type required:

1 – European AC plug	4 – Indian AC Plug	7 – Argentina AC Plug
2 – US AC Plug	5 – Australian AC Plug	8 – South Africa AC Plug
3 – UK AC Plug	6 – AC open connector	

Netronics

600-15 Allstate Parkway, Markham
Ontario, Canada
Tel: +1 (905) 415 4585
Email: info@netronics-networks.com

Netronics-networks.com