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http://www.murata.com/en-sg/products/productdetail?partno=D1U74T-W-2700-12-HB3C

D1U74T-W-2700-12-HB3C









Applications

Unsuitable	Please be sure to read and comply with
Applications	these "Precautions for use."
	Consumer equipment,Industrial
	Equipment
	Please refer to Our Website and
	specifications, etc. for information about
Specific	the performance, functions, quality,
Applications	management, and safety required for
	the above applications, and use
	Products after confirming the
	performance and reliability of the actual
	Product.



Features

Standard Intel® CRPS form-factor; 2700W total output capability 220-240Vac Nom; 1200W total output capability 100-127Vac Nom.; IEC320-C20 AC input connector; Card Edge DC Output and Signal I/O; HVDC 240VDC capability; where regions permit; Operation over the range 0°C +55°C without derating; ≥96% efficiency at 50% load; 12Vdc Main output, 2700W; 12Vdc Standby output, 36W; Compact Package; >82W per cubic inch, N+1 redundancy; Active current sharing (main 12Vdc); Integral ORING isolation devices for both outputs; Overvoltage, overcurrent, overtemperature fault protection; Internal cooling fan, Front to Back airflow, variable speed controlled



Appearance & Shape



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Specifications

Output power (W)Max	2700W
Totaloutput power (W)	2700W
Form	1U x 73.5 x 185.0
Vin (VAC)	90Vac to 264Vac
Vin (VDC)	180Vdc to 300Vdc
Vin (VDC)typ	240Vdc
Vout(V)	11.84V to 12.57V
Vout(V)typ	12V
LineRegulation (%)	3%
LoadRegulation (%)	3%
lout(A)Max	225A
lout (A)Peak	225A
Isolation Voltage (Vrms)	3000Vrms
Efficiency (%)	96%
Size(mm)W	73.5mm
Size(mm)L	185.0mm
Size(mm)T	40.0mm
Operatingtemperature(degC)	0°C to 55°C
Outputs (#)	2
Productseries	D1U74T-W-2700-12-HBxC

a series of compact 2700W highly efficient front end power supply modules that provide a 12Vdc main and a 12Vdc standby output. Additional features include active current sharing, a multi-function status LED, hardware logic signals and PMBusTM 1.2 compliant digital communications capability compliant with Intel® CRPS standard. The low profile, ultra-high power density 82W/cubic inch package is ideal for delivering reliable, efficient power to servers, workstations, storage systems and other 12V distributed power architectures UL62368-1: 2014 (2nd Edition) (Information Technology Equipment – safety - Part 1: General Requirements). CAN/CSA-C22.2 No. 62368-1: 2014 (2nd Edition) (Information Technology Equipment - Safety - Part 1: General Requirements) TUV: EN 62368-1:2014 (2nd Edition) Safety Approval Safety Approval Safety Approval CQC: GB4943.1-2011 BSMI: CNS14336-1 EAC: IEC 60950-1: 2005, AMD1:2009, AMD2:2013 KC: K60950-1 (2011-12) IRAM: IEC 60950-1: 2005,
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Vout2 (V)	11.59V to 12.81V
Vout2 (V)typ	12V
LineRegulation2 (%)	0.05%
LoadRegulation2 (%)	0.05%
lout2(A)Max	3A
lout2 (A)Peak	3A
Brand	Murata Power Solutions

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