

Product Features

- Size : W: 100mm x H: 41mm x D: 400mm
- 80Plus Platinum Compliant
- Hot Swap 1+1 Redundancy
- Active Current Sharing
- PMBus Protocol Specification Part I, Part II Revision 1.2/SMBus Specification Version 2.0
- Over Voltage, Over Current and Under Voltage Protection
- Remote Sense



Input Characteristics		
Input Voltage Range	100V- 120V/200V- 240VAC ±10%	
Input Frequency	47 - 63Hz	
Input Current	Less than 20A(2 PSUs) for JIS, Less than 16A(2 PSUs) for EN	
Inrush Current limitation	Inrush Current < 20A Within 10 Seconds After Power is Received	
Efficiency	80 PLUS Platinum AC230V at 10% Load, 83% or Higher at 20% load, 90% or higher at 50%, 94% or Higher 100% Load, 91% or Higher	
Power Factor	98% or higher at 50 to 100% loads	
Input Leakage Current	≤1.75mA (264VAC),	
Hold Up Time (AC Line Dropout)	11ms at Max Load, 22ms at 40% Load	
Wave Distortion	≤10%	
Transient	80%/115%, 0.5 sec	
Input Impulse Noise	NS Noise: 1kV, us noise: 0.8kV ikV(IEC61000-4-4)	
Input Line Surge	Line to Line 1kV, Line to FG 2kV (IEC61000-4-5)	
Output Characteristics		
Output Channel	V1	V2 (Standby)
Output Configuration	12.24V	12V
Voltage Regulation (Static)	+/-2%	
Voltage Regulation (Dynamic)	Less than +/-3%	
Output Current	Rated	1A
	0 ~215.69 A (2640W max) 234.26A Peak (2904W peak max)	
High Frequency Noise	200mVp-P	
Output Variance	+/-5%	
Redundant Operation	OK	
Load Capacitance	100-40,000uF	
Load Capacitance	Less than 0.25A/μs	
Over Voltage Protection	13.3~14.5V Less than 1ms -> Latch off	TBD
Current Limit Protection	120~130%	TBD
Under Voltage Protection	TBD	TBD
Output Power	1175W(100-120VAC), 2640W (200-240VAC)	
Environmental		
Operating Temperature	0°C to 35°C	
Operating Altitude	3000m Above Sea Level for CCC	
Cooling		
FAN	NIDEC R40W12BGCA-07 or Equivalent	
Airflow Direction	From IEC Inlet E47 to Output Connector	
Safety		
Safety Approvals	IEC60950-1, UL 60950-1, CSA 60950-1, EN60950-1, CE Mark, S-Mark	
EMC		
ESD	10kV, IEC61000-4-2	
Physical Specifications		
Dimension	W: 100mm x H: 41mm x D: 400mm	
Input Connector	Power Inlet IEC320 C20	
Output Connector	Tyco AMP Multi Beam 16S +10P PN: 1-6450831-6	