3.3X smaller

NEW

Level VI

CoC Tier 2

Gan FET Technology 300 Watt

Small Size Desktop Type

GN300-1XXX

O/P Voltage

Green Mode
CEC, DoE Level VI, Energy Star, ErP Stage 2, CoC Tier 2, NRCan & GEMS No Load Power Consumption Less Than 0.15W

Features :

- IEC/UL 62368-1& 60950-1
- 100-240 VAC Universal Input
- Gallum Nitride Based Design
- High Power Density: 12 W/In^3
  330%Higher than Traditional Adapter (3.6 W/In^3)
- Regulated Output with Low Ripple Noise
- With 250 kHz Switching Frequency
- Efficiency Up to 95%
- Modified and Custom Design Available
- 1 Year Warranty

Model	O/P Voltage	O/P Current	Watt
GN300-1012	12.0V	24.00A	288W
GN300-1019	19.0V	15.79A	300W
GN300-1024	24.0V	12.50A	300W
GN300-1048	48.5V	6.25A	300W
GN300-1056	56.0V	5.36A	300W

Input	
Voltage	100-240VAC
Line Frequency	50-60Hz
Current	3.5A Max.
Protection	Internal Primary Current Fuse
Configuration	IEC60320/C14

Output	
Load Regulation	±5% (Typical)
Ripple	1% Vp-p Max. for Output Voltage @ Full Load
Transient Response	0.5mS for 50% Load Change Typical
Hold-up Time	10mS @ Full Load
Protection	Short Circuit Protection / Over Voltage Protection / Over Current Protection / Over Temperature Protection
DC Cord	UL2095/UL 2464/16AWG/18AWG
Ferrite Core	Yes

Safety Approvals
CB / UL / cUL / FCC / GS / CE / PSE / BSMI / CCC

Electrical	
Topology	LLC
Dielectric Withstand	3000VAC Primary - Secondary
Leakage Current	3.5mA @ 3Pin
Efficiency	DoE Level VI, Energy Star, ErP Stage 2, CoC Tier 2, NRCan & GEMS Level VI Certified
EMC Standards	EN55032
	EN61000-3-2,3
	EN55024
MTBF	300,000 Calculated Hours at 25°C , by Telcordia SR-332

Environmental	
Operating Temperature	0 to + 40°C
Storage Temperature	-20 to + 80°C
Relative Humidity	Operating : 20 to 80% RH
	Storage : 10 to 90% RH
Cooling	Natural Convection Cooling

Mechanical	
Case Dimension	C14 - L 164 × W 77 × H 33 (mm)
Weight	900g (Ref.)

c UL us LISTED I.T.E POWER SUPPLY 60JJ E225703 CB CE Nemko GS FC PS E JET R33154 RoHS