



Level VI

CoC Tier 2

Gan FET Technology 200 Watt

Small Size Desktop Type

GN200 -10XX



2.5X smaller



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
- Gallium Nitride Based Design
- High Power Density: 12.5 W/In³
250% Higher than Traditional Adapter (5.5 W/In³)
- Regulated Output with Low Ripple Noise
- With 250 kHz Switching Frequency
- Efficiency Up to 95%
- Modified and Custom Design Available
- 1 Year Warranty

Safety Approvals

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

Electrical

Topology	LLC
Dielectric Withstand	3000VAC Primary - Secondary
Leakage Current	0.25mA @ 2Pin/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

Model	O/P Voltage	O/P Current	Watt
GN200-1012	12.0V	16.00A	192W
GN200-1018	18.0V	11.10A	189W
GN200-1019	19.0V	10.50A	200W
GN200-1019A	19.5V	10.20A	200W
GN200-1020	20.0V	10.00A	200W
GN200-1024	24.0V	8.30A	200W
GN200-1048	48.0V	4.20A	200W
GN200-1056	56.0V	3.60A	200W

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 161 x W 54 x H 33 (mm)
	C6 & C8 - L 150 x W 54 x H 33 (mm)
Weight	560g (Ref.)

Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	2.4A Max.
Protection	Internal Primary Current Fuse
Configuration	IEC60320/C6,C8,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



R33154 RoHS