

Giganet 12VDC Power Supply is a 35W single-output enclosed type power supply with 30mm of low profile design. Adopting the full range 85~264VAC input provides an output voltage line of 12V. In addition to the high efficiency of up to 89%, the design of metallic mesh case enhances the heat dissipation of LRS-35 that the whole series operates from -30°C through 70° C under air convection without a fan. Delivering an extremely low no-load power consumption (less than 0.2W), it allows the end system to easily meet the worldwide energy requirement. It has complete protection functions and 5G anti-vibration capability

FEATURES
Universal AC input /full range
Withstand 300VAC surge input for 5s
No load power consumption<0.2W
Miniature size and 1U low profile
High operating temperature up to 70° C
Protections: Short circuit/overload/over voltage
Cooling by free air convection
Compliance to IEC/EN 60335-1for household appliances
Operating altitude up to 5000 meters
Withstand 5G vibration test
High efficiency, long life and high reliability
LED indicator for power on



Technical parameters		
OUTPUT	DC Voltage	12V
	Rated Current	3A
	Current Range	0-3A
	Ripple&Noise(max)	120mVp-p
	Voltage ADJ.Range	10.2-13.8V
	Voltage Regulation	1%
	Line Regulation	0.5%
	Load Regulation	0.5%
	Setup,Rise Time	1000ms, 30ms/230VAC 2000msm30ms/115VAC at a full load
INPUT	Hold Up Time	30ms/230VAC 12ms/115VAC
	Voltage Range	85-264VAC 120-373VDC
	Frequency Range	47-63Hz
	Efficiency	86%
	AC Current	0.7A/115VAC 0.42A/230VAC
	Inrush Current Cold Start	45A/230VAC
	Leakage Current	0.75mA/240VAC
Protection	Over Load	110-150% rated output power
		Protection type: hiccup mode, recovers automatically after fault condition is removed
	Over Voltage	13.8-16.3V
		Protection type: Shut down o/p voltage, re-power on to recover

Ordering Information

Part Number	Description
GN-SEN-77433	Giganet 12VDC Power Supply