

G Series Standby Traffic UPS 150 to 400 Watts

The G Series is a standby unit that is designed for transportation and traffic applications. The G Series is capable of operation at its maximum rated output in extreme and harsh environments with all existing equipment including Traffic Controllers, LED's & Incandescent Lamps.



OPTIONS

- Solar Input
- External Battery Pack
- Hardwire Output Terminals
- Three Year Warranty

FEATURES & BENEFITS

- Single Conversion Technology Provides 15milliseconds transfer to battery
- High temperature operations up to 80C
- Protects against spike, sags, surges, noise and power outages
- Easy to understand LED's for AC Healthy, Charger, Battery Power, Bypass
- Unity-1 power factor, 150, 250 & 400 real watts of continuous power
- Temperature Compensated battery charger, means longer battery life and better charge control
- Dry contact terminals for UPS on battery, bypass and alarm
- Built in transient surge protection
- Built-in Automatic Bypass circuit, insures mission-critical loads are not dropped during overload or UPS failure
- Audible Alarms, failsafe and on battery, low battery and charger failure
- Two Year Standard Warranty
- 150% maximum overload capacity
- Small and Compact

SPECIFICATIONS

MODEL

	G-150	G-250	G-400
Capacity	50 WATTS	250 WATTS	400 WATTS
Dimensions	19.6cm x 12.7cm x 19.6cm	19.6cm x 12.7cm x 19.6cm	25.4cm x 17.8cm x 25.4cm
Mounting	Shelf	Shelf	Shelf
Weight W/O Battery	6.4Kg	8.2Kg	11.8Kg
Construction	Aluminium	Aluminium	Aluminium
Input Connection	NEMA 15 amp	NEMA 15 amp	NEMA 15 amp
Output Connection	NEMA 15 amp Duplex	NEMA 15 amp Duplex	NEMA 15 amp Duplex

OPERATION

Nominal Input Voltage	120VAC
Input Range	98 to 145VAC
Operating Frequency	50/60HZ Auto sensing
Output Regulation	+/-4%
Overload Capacity	125% Continuous, 150% for 10 Seconds
Transfer to Bypass	20ms or less
On-Battery Voltage	120VAC
Output Frequency	60Hz
Output Protection	Fuse
DC Protection	Fuse
Battery Charger	3 Step Hysteresis Type, Temperature Compensated, 7.0 amp rating
Recharge	3 HRS Maximum
Efficiency	85%
Safety Compliance	UL / cUL (designed to)
LED'S	AC Line, Charger, Battery Power, Bypass AC line
Audible Alarms	Low Battery, Bypass, UPS Fail Low Battery, Bypass, UPS Fail
Dry Contacts	AC-Fail, On Battery/Flash, Bypass UPS-Fail, 120VAC Rating @ 10amps

ENVIRONMENTAL

Operating Temperature	-40C to 80C
Storage Temp	-40C to 80C
Relative Humidity	Up to 95% Non Condensing
Altitude	3000M Without derating

BACK-UP TIME IN MINUTES BASED ON PERCENT OF LOAD WITH 1- 9AH BATTERY

	25%	50%	75%	100%
G-150	68m	55m	30m	30m
G-250	51 M	35M	28M	21M
G-400	34M	20M	16M	9M

Note: *All specifications subject to change without notice All run times are approximate only. These may vary depending on battery condition. Warranty repair or replacement is return to factory only.