

# 30 Watt, GC30B Series, (2 Stage Desk Top Battery Charger)

- Universal AC Input For Worldwide Use
- 2 Pole IEC Inlet (IEC C8)
- Full Approvals UL/cUL/TUV/CE/CB
- 2 Stage Charging, Automatic Constant Current & Voltage Modes
- Protected For Short Circuit / Over Load / Over Voltage / Over Temperature
- No Load Power Consumption <1 Watt
- 2 Colour LED Charge Status Indicator
- 2 Year Warranty



## Specification

Input Voltage.....	90~264 VAC, 47~63 Hz (130~370 VDC)
Inrush Current.....	Full load <40 A @230 VAC, max.
Battery Charge Voltage.....	See table below for charge voltage range
LED Charge Status.....	Green: float charge <200mA, red: >200 mA charge
Ripple & Noise (p-p).....	See table below for each model
Operating Temperature.....	0~40 °C @ full load, derates to 70% @ 50 °C
Isolation Voltage.....	I/P-O/P: 3 kVAC,
Over Load Protection.....	90~110% constant current mode and over 300% pulsing mode, auto recovery
Over Voltage Protection.....	110~135% of rated output voltage, clamp
Over Temperature Protection.....	Shutdown, auto-recovery
Safety Standards.....	UL60950-1, CSA22.2, EN60950-1 approved
EMC Standards.....	EN55014-1 Class B, EN61000-4-2, 3, 4, 5, 6,11 EN61000-3-2, 3, FCC part 15 Class B
Dimensions.....	108(L) x 67(W) x 36(H) mm
Output Lead.....	1.8m lead >8.4 Volts output
Output Plug.....	2.1 x 5.5 x 11mm, (centre positive)

## Models and Ratings

Model	Charging Voltage Range	Output Current	Ripple & Noise (pk to pk)
GC30B-0P1J	3.6 ~ 4.4 V	0 ~ 4 A	50 mV
GC30B-1P1J	5.0 ~ 5.8 V	0 ~ 3.99 A	50 mV
GC30B-11P1J	6.5 ~ 7.5 V	0 ~ 3 A	80 mV
GC30B-2P1J	7.7 ~ 8.6 V	0 ~ 3 A	80 mV
GC30B-4P1J	13.5 ~ 14.5 V	0 ~ 2.09 A	100 mV
GC30B-5P1J	16.0 ~ 17.0 V	0 ~ 1.6 A	100 mV
GC30B-6P1J	27.1 ~ 28.8 V	0 ~ 1.04 A	150 mV

## Mechanical Details

