

GP Batteries

PRODUCT SPECIFICATION

GP PowerBank V800C
Model: GPPB80

Revision History

Revision	Date	Initiator	Reason for Change
00		Mei Fung	New Launch

Prepared By	Approved By
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Date:12 June 2006	Date: 12 June 2006

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Member
Gold Peak Group

Manufacturer reserves the right to alter or amend the design, model and specification without prior notice.

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Product Specification

Model No.: GPPB80



Unit : mm

Product Name	:	GP PowerBank V800C
Description	:	15/30 Mins Battery Charger with AC Adaptor
Special Feature	:	Digital Clock & Easy Check 3-Color LED Icons.
Input Voltage	:	AC100-240V 50/60Hz
Output Voltage	:	DC12V --- 3.3A
Application	:	For charging 1 to 4 pcs of NiMH AA & AAA batteries
Charging Current	:	AA (1-2 cell) - 7000mA, AA (3-4 cell) - 4000mA, AAA - 3400mA (+/-10%) (When temperature ranges from 10°C to 35°C) AA - 3400mA, AAA - 1700mA (+/-10%) (When temperature ranges from 5°C to 10°C)
Trickle Charge Current	:	AA - 160mA, AAA - 60mA
Charging Time	:	

Type	Size	Battery	Charging Time (mins)	
			1-2 pcs	3-4 pcs
GP NiMH	AA	2700 series	~ 25	~ 43
		2500 series	~ 22	~ 40
		2300 series	~ 20	~ 35
		2100 series	~ 18	~ 33
		1800 mAh	~ 15	~ 30
	AAA	1000 series	~ 19	
		950 series	~ 18	
		850 mAh	~ 17	
		750 mAh	~ 15	

Termination Methods	:	- Δ V: 0-5mV, Temperature Cutoff: 55°C (+5/-8°C) Safety Timer: 40 mins. (1-2 AA/1-4 AAA), 65 mins (3-4 AA)
Ventilation Fan	:	Fan will operate while charging.
MTBF	:	30000 hours (at Ambient Temperature 25°C)
Operating Temperature	:	5°C to 45°C
Storage Temperature	:	-25°C to 60°C

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Charge Indicator :

Condition	Indication
• Adaptor connected	-
• Standby switch pressed on	• Green power LED on
• GP NiMH battery inserted in charger and charging in progress	• Orange battery icon and charging icon slow pulsing
• Wrong / damaged battery inserted	• Orange battery icon and red warning icon fast blinking
• Full charge or trickle charge	• Orange battery icon solid on
• All batteries fully charged	• Green check mark icon on

Dimensions : 126 (H) X 38 (W) X 89.5 (L)mm

Approval : Charger - EMC, FCC, e-mark
Adaptor - GS, CE (for PB80GSSA/PB80BSSA)
UL (for PB80USSA), CCC (for PB80GWSA)

Warranty Period : 12 months from ex-factory date.