

GP Batteries

PRODUCT SPECIFICATION

GP PowerBank H500
Model: GPPB50

Revision History

Revision	Date	Initiator	Reason for Change
00	3 July 2006	Mei Fung	New Launch

Prepared By	Approved By
Mei Fung	Bonnie Lau
Date: 3 July 2006	Date: 3 July 2006

GPI International Limited

Gold Peak Building, 8/F, 30 Kwai Wing Road,
Kwai Chung, New Territories, Hong Kong.
Tel: (852) 2484 3333 Fax: (852) 24805912
Email: gpii@goldpeak.com
Website: <http://www.gpbatteries.com.hk>

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Product Specification

Model No.: GPPB50



Unit : mm

- Product Name : GP PowerBank H500
 Description : 2-4 Hrs Battery Charger with AC Plug Cord
 Special Feature : Battery Ejector & Easy Check 3-Color LED Icons
 Input Voltage : AC100-240V 50/60Hz (GS/BS)
 AC100-120V 60Hz (UL)
 Output Voltage : DC1.6V
 Application : For charging 1 to 4 pcs of NiMH AA & AAA batteries
 Charging Current :

Plug Type	Input	Output	Charging Current (mA)						Trickle Charge Current (mA)	
			AA (pcs)			AAA (pcs)			AA (pcs)	AAA (pcs)
			1-2	3	4	1-2	3	4	1-4	1-4
GS BS	AC100-240V 50/60Hz	DC1.6V	1150	766	575	475	317	237.5	102.5	42.5
UL	AC100-120V 60Hz		1100	733	550	475	317	237.5	98	42.5

Charging Time :

Type	Size	Battery	Charging Time (mins)		
			1-2 pcs	3 pcs	4 pcs
GP NiMH	AA	2700 series	~140	~215	~285
		2500 series	~135	~200	~270
		2300 series	~125	~185	~250
		2100 series	~110	~170	~225
	AAA	1000 series	~130	~195	~260
		950 series	~120	~185	~245
		850 mAh	~115	~170	~225
		750 mAh	~100	~150	~200

- Termination Methods : $-\Delta V$: 0-5mV, Temperature Cutoff: 50°C ($\pm 10^\circ\text{C}$)
 Safety Timer: 190 mins. (1-2 AA/AAA), 400 mins (3-4 AA/AAA)
 MTBF : 30000 hours (at Ambient Temperature 25°C)
 Operating Temperature : 5°C to 45°C
 Storage Temperature : -25°C to 60°C



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

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Charge Indicator	:	<table border="1"><thead><tr><th>Condition</th><th>Indication</th></tr></thead><tbody><tr><td>• Power connected</td><td>-</td></tr><tr><td>• Standby switch pressed on</td><td>• Green power LED on</td></tr><tr><td>• GP NiMH battery inserted in charger and charging in progress</td><td>• Orange battery icon and charging icon slow pulsing</td></tr><tr><td>• Wrong / damaged battery inserted</td><td>• Orange battery icon and red warning icon fast blinking</td></tr><tr><td>• Full charge or trickle charge</td><td>• Orange battery icon solid on</td></tr><tr><td>• All batteries fully charged</td><td>• Green check mark icon on</td></tr></tbody></table>	Condition	Indication	• Power 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
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Dimensions	:	116 (L) X 72.5 (W) X 32 (H)mm														
Approval	:	PB50GS - GS, CE, e-mark PB50BS - CE, e-mark PB50US - UL														
Warranty Period	:	12 months from ex-factory date.														