

GP Batteries

PRODUCT SPECIFICATION

GP PowerBank Universal Charger Model: GPPB320

Revision History

Revision	Date	Initiator	Reason for Change
00	01 Jun 2010	Amy Yim	New Release

Prepared By	Approved By
Amy Yim	Keness Wong
Date: 01 June 2010	Date: 01 June 2010

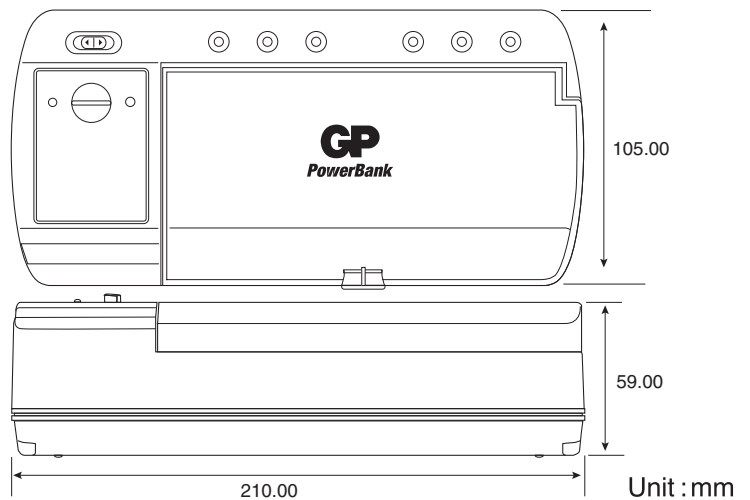
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GP Batteries

Product Specification

Model No.: GPPB320



NOTE : It is safe to charge GP NiMH batteries continuously with GP PowerBank S320.

- Product Name : GP PowerBank S320
- Description : Universal battery charger
- Input Voltage : 230V / 50Hz 8.5W
- Output Voltage : AA / AAA / C / D 4 x 1.2V DC
9V 2 x 9V DC
- Application : For charging 1 to 4 pcs AA, AAA, C or D size battery and 1 to 2 pcs 9V size battery.
Battery Tester Function for AA, AAA, C or D size battery.
Discharge Function for AA, AAA, C or D size battery.
Preset Timer Function

Charging Current :	AA	AAA	C	D	9V
	270mA	270mA	270mA	270mA	13mA

Trickle Charging Current : 50mA

Discharging Current : 170mA

Charging Time :		Size	QTY (pcs.)	Battery (mAh / series)	Charging Time (hrs)
GP NiMH	AA		1 to 4	2100 ~ 2700	9 - 15
			1 to 4	1300 ~ 1800	6 - 9
	AAA		1 to 4	600 ~ 1000	3 - 6
			1 to 4	2200 ~ 3500	9 - 15
		1 to 4	2200 ~ 4500	9 - 15	
		1 to 2	170	15	

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MTBF : 30000 hours
Operating Temperature : 0°C to 40°C
Storage Temperature : -20°C to 50°C
Charge Indicator : 4 x LED for four channels, 2 x LED for 9V
1 x bulb for battery testing
1 x LED for trickle charging

LED Indications : Battery charging

Condition	Indication
• Stand by	• LED off
• Charging in progress	• Red LED on
• When charging is finished and switch to trickle charge	• "TRICKLE" Green LED on

Battery testing

Indicator	Remarks
• Orange bulb on	• No need for recharging
• Orange bulb off	• Please recharge

Battery discharging

Condition	Indication
• Discharging in progress	• LED off

Dimensions : 210(L) X 105(W) X 59(H)mm
Weight : 630g
Safety Approvals : GS, CE
Compliance : RoHS, REACH
Warranty Period : 12 months from ex-factory date