



PRODUCT SPECIFICATION

USB Standard Charger Model : B441

Revision History

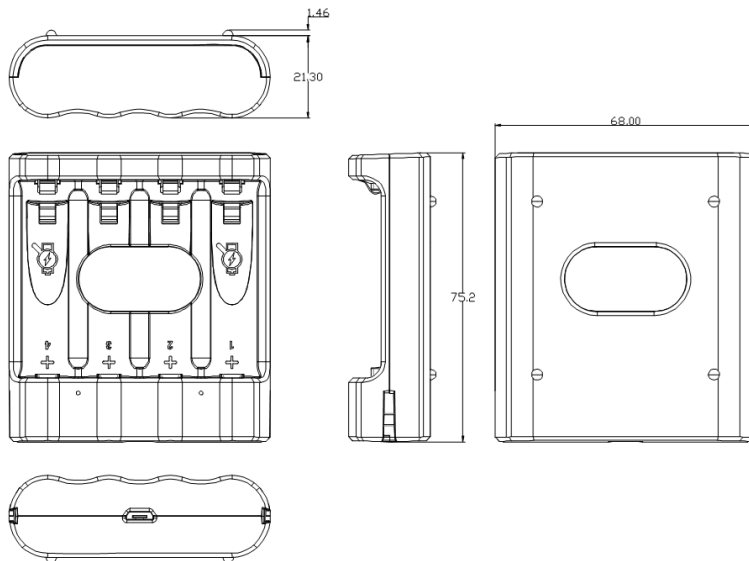
Revision	Date	Initiator	Reason for Change
0.0	15 Mar 2023	CC Li	Initial release

Prepared By	Approved By
CC Li	Vincent Lam
Date: 16 Mar 2023	Date: 16 Mar 2023

GP Batteries

Product Specification

Model no.: B441



Product Name	: USB 4-Slot Charger B441
Input	: USB Input from DC5V 1A adaptor or Charging Dock (D451, D851, D461 or D861)
Charging Channels	: 2 independent channels ; 2 slots/channel for 2 or 4 pcs AA/AAA NiMH batteries
Output Voltage	: 2.8V
Input from Adaptor	
Charging Current	: 770mA/380mA approx. for charging 1/2 channel AA Ni-MH Batteries 300mA approx. for charging 1 or 2 channel AAA Ni-MH Batteries
Charging Time	: Approx. 180/360 Min for charging 1/2 channel AA 2100mAh Ni-MH Batteries Approx. 200 Min for charging 1 or 2 channel AAA 850mAh Ni-MH Batteries
Input from Charging Dock	
Charging Current	: 900mA/450mA approx. for charging 1/2 channel AA Ni-MH Batteries 400mA/300mA approx. for charging 1/2 channel AAA Ni-MH Batteries
Charging Time	: Approx. 150/300 Min for charging 1/2 channel AA 2100mAh Ni-MH Batteries Approx. 150/200 Min for charging 1/2 channel AAA 850mAh Ni-MH Batteries
Trickle Charging Current	: 100mA/50mA approx for 1/2 channel AA Ni-MH Batteries 80mA/40mA approx for 1/2 channel AAA Ni-MH Batteries
Standby current at no input	: <0.1mA
Operation Temperature	: 0°C to 35°C
LED Indication	: Two Green LEDs ON for 0.5 second after just USB power input Charging in progress - Green LED slow flashing Fully charged – Green LED ON Bad/Primary Batteries inserted – Green LED fast flash Battery Level Check (BLC)* - Green LED ON for Battery Full Green LED Slow Flash for Battery NOT Full

* Insert battery in slot 1 and/or slot 4, it will start BLC mode with green LED indication on corresponding channel as mentioned above and keep for 30s. To recheck BLC, just take out and insert battery again.

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Safety protection : 1) Timer protection – 5/10 hours for 1/2 channel charging
2) -dv
3) Temperature cut-off
4) Primary Battery Protection
5) Reverse polarity protection

Dimensions : 68 (L) x 75 (W) x 21.3 (H) mm

Weight : 38 g (approx.)

Certification : CE, UKCA, Rohs, FCC

Warranty Period : 12 months from ex-factory date



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

