

GP Batteries

PRODUCT SPECIFICATION

USB Universal NiMH Battery Charger Model : B631

Revision History

Revision	Date	Initiator	Reason for Change
1.0	25 Apr 2023	CC Li	Initial release

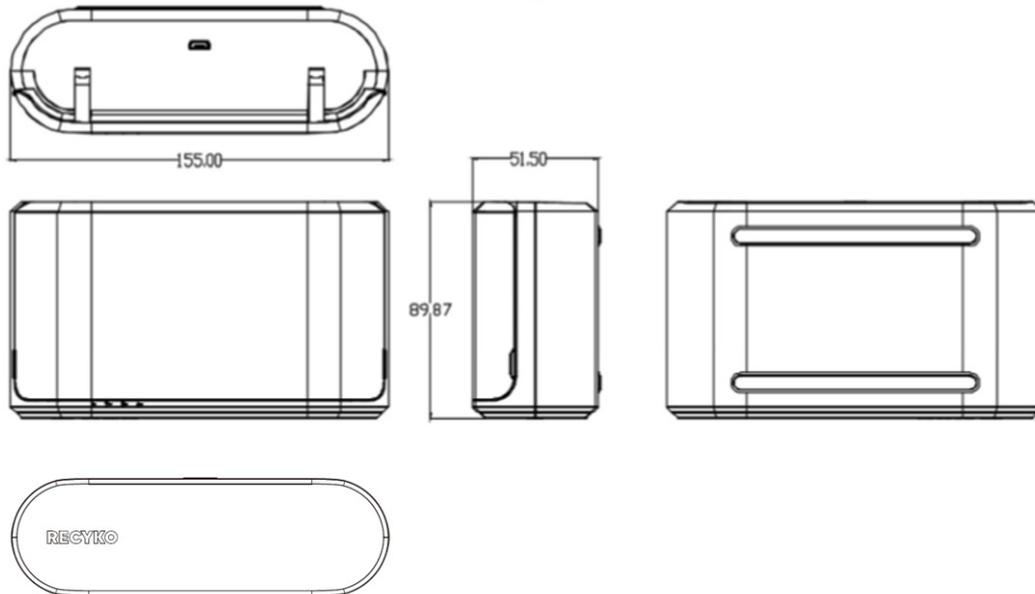
Prepared By	Approved By
CC Li	Vincent Lam
Date: 25 Apr 2023	Date: 25 Apr 2023



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Product Specification

Model no.: B631



Product Name	: USB Universal NiMH Battery Charger B631
Input	: DC5V 2A*
Charging Channels	: 2 independent channels ; 2 slots/channel for 2 or 4 pcs AA/AAA/C/D NiMH batteries 2 independent slot/channels for 1 or 2 pcs 9V NiMH batteries
Output Voltage	: 2.8V for AA/AAA/C/D ; 9.8V for 9V NiMH Battery
Charging Current	: 550mA approx. for C/D ; 370mA approx. for AA ; 290mA approx. for AAA 40/20mA approx. for 1/2 pcs of 9V
Charging Time	: Approx. 520 Min for charging C/D 4000mAh NiMH Batteries Approx. 390/200 Min for charging AA 2000mAh/AAA 850mAh NiMH Batteries Approx. 360/720 Min for charging 1/2 pcs of 9V 2000mAh NiMH Batteries
Trickle Charging Current	: 28mA approx. for C/D ; 18/15mA approx. for AA/AAA No Trickle charge current for 9V
Standby current at no input	: <0.1mA
Operation Temperature	: 0°C to 33°C
LED Indication	: Four 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

* When input rating is below 5V/2A but greater than 5V/1A, the charger will still charge the batteries but the charging time will be double.

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Safety protection	:	1) Timer protection – 14 hours 2) -dv 3) Primary Battery Protection 4) Reverse polarity protection
Dimensions	:	155 (L) x 90 (W) x 51.5 (H) mm
Weight	:	220g (approx.)
Certification	:	CE, UKCA, Rohs, FCC
Warranty Period	:	12 months from ex-factory date