GP Batteries

PRODUCT SPECIFICATION

Recyko Charge 10 Ultra-Fast NiMH Charger
Model : S491

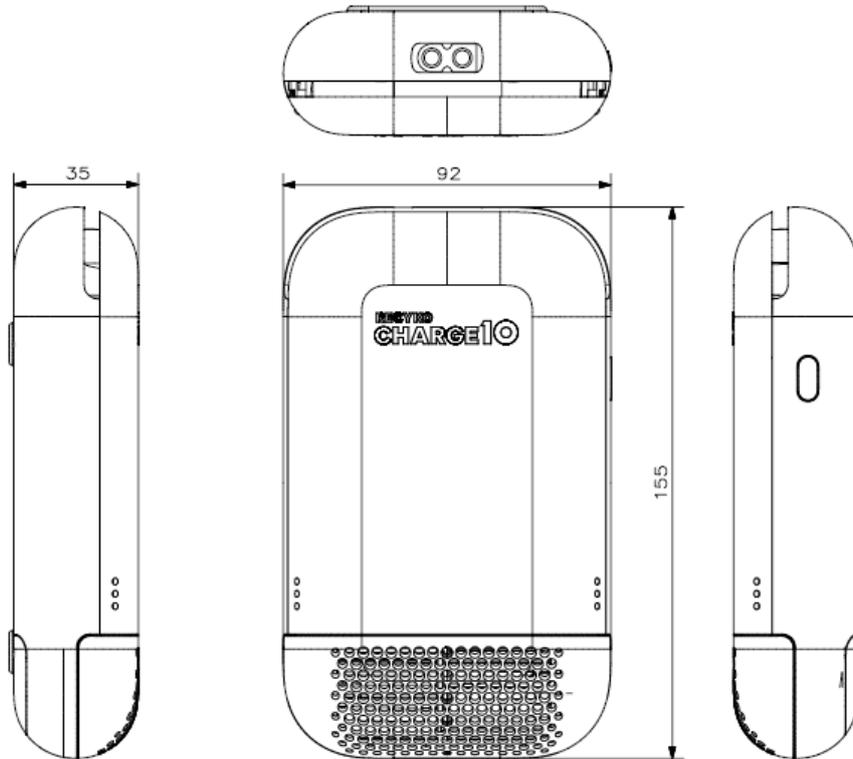Revision History

Revision	Date	Initiator	Reason for Change
0.0		CC Li	Initial release

Prepared By	Approved By
CC Li	Vincent Lam
Date: 2021/11/03	Date: 2021/11/03

GP Batteries

Product Name	:	4-Slot NiMH Charger **S491**
Input	:	100-240Vac, 50/60Hz, 85W
Charging Channels	:	4 independent channels ; 1 slot/channel for 1-4 pcs AA/AAA NiMH batteries
Output Voltage	:	1.6Vdc
Charging Current	:	Ultra-fast mode - 10A/5A/3.5A each for 1-4 pcs AA ; 1.5A/0.75A each for 1-4 pcs AAA
		ECO mode – 600mA each for 1-4 pcs AA ; 300mA each for 1-4 pcs AAA

Charging Time　　　　　　　　　　:

				Charging time	
DC 4 x 1.6V 0.3-10A	Range (Size)	Capacity (mAh)	Quantity	Ultra-fast charging mode	Eco charging mode
	Charge 10 battery (AA)	1,700		10mins**	200min
	Recyko / Recyko Pro battery (AA)	1,300-2,600	1-4pcs	15-35mins	160-320min
	Recyko / Recyko Pro battery (AAA)	650-950		28-45mins	160-230min

^ Approximate charging time is based on the same battery size and capacity at ambient temperature (20°C).
　The charging completion time of each batteries in the charger may have a few minutes difference.
** Charges 1-4pcs of Recyko Charge 10 AA 1700mAh to 90%+ of capacity at 20°C using Ultra-fast charging mode in 10mins.

Trickle Charging Current　　:　　60mA approx. for AA ; 30mA approx. for AAA

GP Batteries

Product Specification   Model no.: S491

LED Indication   :

Charging Condition	Four Tri-Color LED (Blue/Green/Red)
Power On	Blue/Green Slow Flash Alternatively
Charging	Blue/Green Breathing on-off at Ultrafast/ECO Mode
Fully charged	Blue/Green Steadily On at Ultrafast/ECO Mode
Bad/Primary Batteries inserted	Red LED Fast Flashing
Temperature Cutoff (TCO)	Blue/Red flash alternatively in Ultrafast Mode Green/Red flash alternatively in ECO Mode
System Warning	Blue/Green/Red Flash alternatively

Safety protection   :   1) Fixed Timer – 60min for AA, 100min for AAA in Ultrafast mode
                                      350min for AA & AAA in ECO mode
                              2) -dV
                              3) TCO 58+/-2C

Operation Temperature   :   0°C to 35°C

Dimensions   :   155mm (L) x 92mm (W) x 35mm (H) (exclude AC plug)
Weight   :   235g
Certification   :   EMC, IEC60335, UKCA & Rohs
Warranty Period   :   12 months from ex-factory date