NEW 2 in 1
12V 7Amp CHARGER
Charge both Lithium-ion and Lead acid batteries in one unit. Comes with Car Memory Saver feature

Descriptions:

- Charging both Lithium and lead acid battery in one unit.
- 1.8A / 7A charging current selectable.
- selectable charge algorithm for Li-Polymer and LiFe PO4 in 4 cells series connect.
- 9 Step intelligent charging program for Lead Acid battery, keep battery in good working condition.
- Full protections for lead acid battery:
  - Reverse polarity protect.
  - Short circuit protect
  - Spark proof
  - Over heat protection
- Weather proof housing,
- Fire retardant plastic material
- Battery Recovery mode
- 12Vdc power supply for Car Memory Saver
- Real Battery maintenance mode, prolong battery life span.
- Sliding up handle bar for easier carrying and hanging

Cable accessories included:
1. 530 mm DC cable attached with alligator clip
2. 530 mm DC cable attached with OBDII connector

Function/ Features / Benefit:

Features / Model No.	Charge algorithm	Voltage select	Current select	Spark proof	Reverse polarity	Temp. protect	IP	Wall Mounted	Power supply	LCD	Battery Recovery
BCA-1702WR	9 steps		●	●	●	●	65	●	SMPS		●

Applications:

Applications / Model No.							
BCA-1702WR	●	●	●	●	●	●	●

Certifications:

Certification / Model No.	CE/GS	UL/CUL	RoHS	SAA	EMC	E-mark	PSE	PAH	BEAB
BCA –1702WR	●	●	●		●			●	

Mechanical Specifications:

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AC Cable	1.2M length H03VV
DC Cable	1.2M length
Dimension	L. 192 x W. 106.7 x H. 59.2mm
Packing Meas.	L. 330 x W. 182 x H.78 mm per color box
Weight per Unit	810g
Packing	8 pcs. per master carton
Shipping Meas.	L.380 x W.345x H.338 mm
Shipping Weight	12 Kgs

Mechanical Drawing:
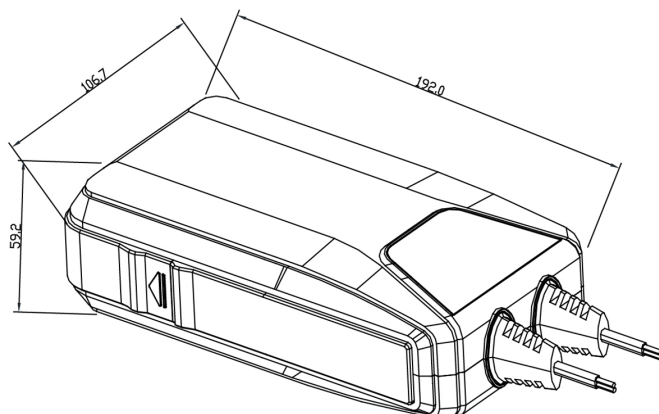
Electrical Specifications:

Input Voltage	200-240Vac 50/60Hz 100-120Vac 50/60Hz
Output Voltage	12Vdc
Output Current	1.8A/7A Selectable
Battery Size Recommend	1.8 Ah - 60Ah 7.0 Ah - 240 Ah
Efficiency	>82%
Battery Type	Flooded, Maintenance free, VRLA, AGM, GEL and Lithium-ion battery
Housing	94V0 Fire retardant plastic
Operation Temperature	-20 ℃ to 45 ℃

9 Steps Charging Methods And Descriptions:
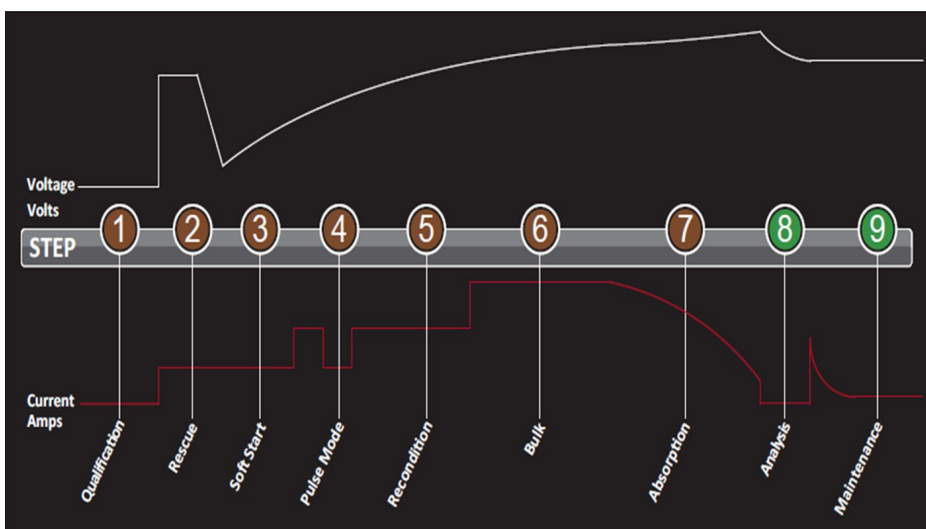
1. Qualification:
Ensures the battery is in good condition prior to charge, charger will not be started if battery is a problematic battery.

2. Battery Recovery:
Battery Recovery will be commenced if the battery voltage has raised to a unusual high level at the beginning of charge.

3. Soft Start:
Soft Start follows when battery is rescued successfully, it delivers limited current to re-active the element of battery for better charging condition.

4. Pulse Mode:
Pulse mode starts in case the battery has detected at very low level when the charge commences.

5. Recondition:
Recondition follows when the Pulse Mode is completed, it aims to re-active the element of battery for battery charging condition.

6. Bulk charge:
Delivers the maximum constant current for charging up the battery until 80% full.

7. Absorption charge:
The charge program switches over to constant voltage, the charging current will gradually reduce according to the rise of battery capacity level. Absorption will be stopped automatically once the battery is full.

8. Analysis:
Checks the battery voltage after charged to ensure the voltage can be retained otherwise the battery will be classified as bad.

9. Maintenance
The battery can be permanently maintained at maximum working condition by microprocessor monitoring .