

AMARON[®] QUANTA

LIFE UNINTERRUPTED



AMARON QUANTA WARRANTY CARD

SVRLA



AMARA RAJA

Gotta be a better way

WARRANTY CERTIFICATE

1. Amaron Quanta™ long life battery carries a warranty for a period of 15 months from the date of Manufacture or 12 months from the date of Sale. Whichever is earlier. The Warranty commences from the date of delivery to the original buyer.
2. The warranty is limited to all defects arising from the use of faulty material or poor workmanship. Consequential liabilities will not be entertained.
3. In the event of any complaint, the battery has to be returned to any nearest authorized service location and rectified battery should also be collected from the same point. The battery should be serviced only by the authorized service channel partner.
4. The right to determine whether a battery needs free replacement or rectifications rests with company and is binding under all circumstances.
5. Defective battery arising out of free replacement will become property of the company and no scrap rebate will be given.
6. In case of warranty replacement, warranty period for the replaced battery will still be considered from the date of sale or manufacturing of the first sold battery as defined in point no.1.
7. The warranty is valid only for the claim arising out of the “first end user sale” by the company or its authorized channel partner or the OEMs. This warranty will cease if the battery is transferred by way of sale or any other means to any other third party (ies).
8. This warranty is void and will cease to exist when damages are caused due to

- a. Faulty charging systems improper handling, improper charging servicing by unauthorized Personnel, willfully abused/ destruction by fire/natural calamity and/or theft/pilferage.
 - b. Any attempt noticed as indicative of tampering (including but not limited to physical Scratch marks and/or deformities and/or damages etc.) With safety valves/protection cover.
 - c. Usage other than specified application. Any evidence or proof of the battery not being in charged state throughout its life or Conditions not conducive to fully charge the battery at any point of time.
9. All claims arising with in the warranty period must be accompanied by this warranty card.
 10. All legal proceedings related to any dispute arising out of or in connection with this warranty, shall be subjected to the jurisdiction of the appropriate courts at Tirupati only.
 11. Customers are deemed to have read, understood and agreed to this condition at the time of purchase.

OPERATING GUIDELINES

12. Constant potential & current limited charging (as per the table given below) is recommended to charge the batteries for optimum performance/life.
13. For deep discharging applications, re-charging time shall be increased from 1.5 to 2 times. The normal charging time 24hrs if it is on float or 9Hrs if it is on boost is must before it takes next cycle.
14. It is always good to recharge the battery immediately after a discharge.
15. Stop charging and seek advice from company/company main associate if abnormalities are noticed in individual module voltage or temperature. If a battery with electrolyte leakage or

physical deformities exists, approach/call nearest dealer place for advice.

16. Batteries of different makes and ratings should never be used together for making a battery bank.
17. Use proper size of cables & lugs for inter and end connections to avoid the voltage drop.
18. Ensure the terminals tightness once in three months to avoid loose/bad connections.
19. If the battery is stored for more than 3 months, a 24hrs boost charging is recommended before to put the battery in circuit/use.
20. Battery shall be secured against impact or vibration or tilting.
21. Never attempt to charge the batteries in reverse direction
22. Do not bypass the lower and overcharge cutoff protections in the charging system which will protect battery from deep discharge and similarly from over charge.
23. Continuous charging at higher voltages is not recommended for more than the specified Hours to avoid over charging.

CHARGING VOLTAGES

Available Charging Mode	12V - 7Ah	12V - 9Ah/10Ah	12V - 12Ah	12V - 18Ah
Stand By (Float Voltage)	13 - 13.8V	13.5 - 13.8V	13.5 - 13.8V	13.5 - 13.8V
Cycle Boost Volatge	14.4 - 15.0V	14.4 - 15.0V	14.4 - 15.0V	14.4 - 15.0V
Charging Current Max	1.8 AMPS	2.5 AMPS	3.0 AMPS	4.5 AMPS

Temperature compensation/conditions: Reduce 5mv/° C increase in temp (in cycle use).
 Reduce 3mv/° C in temp.(in stand by use) and vice versa for a reduction in temp.
 Recommended operating (ambient) temperature is 20 °C to 30 °C.



CAUTION

- Keep the battery away from sparks, cigarettes and open flame etc...
- Avoid metallic contact across the terminals as it can result in short circuit and sparking
- Avoid charging in airtight conditions.