



AMARA RAJA | Johnson Controls

AMARON QUANTA E-V

SMF VRLA E-Rickshaw Batteries



More rides per charge™



AN POWER

More rides per charge™



Advancing the Technology for a Progressive India

Amara Raja yet again proves its passion for cutting edge technology, by introducing a totally new range of batteries for e - rickshaws - the **Amaron Quanta E-V**. As a company that is known for its obsession with technology, Amara Raja has been behind some of the best innovations in technology that India has seen. Our VRLA – Valve Regulate Lead Acid batteries for example, were India's first major advancement in battery technology.

Amaron Quanta E-V is a fail safe, fool proof battery, produced and tested in our state-of-the-art manufacturing facility. Built with the highest technical competence in its class, the **Amaron Quanta E-V** is an example of Amara Raja's commitment to bring the best of technology to your everyday lives. It features several firsts for the battery industry, the unique Radgrid™ profile being one of them.



Introducing Amaron Quanta E-V, the SMF battery for e-rickshaws with high performance and greater reliability.

Taking a giant leap over the flat plate and tubular flooded batteries, the **Amaron Quanta E-V** gives more value for your money. The SMF VRLA technology packs power with value, making it an ideal, economic and hassle free choice for Green rides.

Features

User Benefits

Sealed Maintenance Free VRLA technology	No Topping-up, spill proof, prevents the rickshaw body frame from damages & acid corrosion. Environment friendly. No Fumes
Unique heavy duty alloy for positive grids	Increases life which reduces regular replacement of batteries
Innovative Radgrid™ profile for grids	Longer run time / mileage
Instacharge™ a patented paste recipe	Quick recharge capability - Fully recharge within 8-10hrs of time
High charge efficiency	power consumption is less which reduces operational expenses upto 30%

Constant Voltage charging @ 27°C temperature

Recommended Charge Voltage	14.1Volts/Module		
Recommended Charge Voltages for 48 Volts battery bank	56.4V (For 4 modules battery bank)		
Charging current	Min. 10Amps. & Max. 25Amps. for Model No. AL100EV		
Charge Duration	14hrs. with 10Amps.	12hrs. with 15Amps.	10hrs. with 25Amps.
Lower Cut off voltage	10.5V / battery		
Maximum voltage ripple content permitted <2% RMS & current ripple <5% of the RMS value.			

TUV NORD

DIN EN ISO 9001 : 2008
ISO/TS 16949 : 2009
ISO 14001 : 2004
OHSAS 18001 : 2007

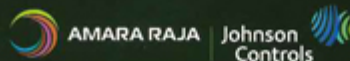
Specifications

Nominal voltage	12 Volts
Dimensions (L x W x H)±2 in mm	441 x 167 x 216
Weight ± 5% Kgs (approx.)	35 Kgs

Amara Raja Batteries Limited
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