



AMARA RAJA



Johnson Controls



TELECOM



UPS SYSTEMS



POWER



RAILWAYS



OIL & GAS

Optimal energy storage solutions for all your Industrial needs

ROBUST

ENDURING

RELIABLE

From the largest manufacturer and the pioneer of standby VRLA batteries in the Indian Ocean Rim

AMARA RAJA

Gotta be a better way



Amara Raja Batteries Limited- Pioneers in Innovation

At Amara Raja, a bright future is real, living, functioning, and built every day. It is the guiding principle at Amara Raja, powering us to ceaselessly innovate, to explore the new and never-before.

Amara Raja are the pioneers of VRLA- Valve Regulated Lead Acid batteries in India, bringing the first major advancement in battery technology to the country.

Applying its vision to business practices, Amara Raja has consolidated its position in the power management industry as one of the leading players in the Asia-Pacific Region. With Johnson Controls Inc., a world leader in battery applications as an Equity Alliance Partner, Amara Raja pioneers the next generation battery technology in India, harnessing technologies that deliver higher power and lasting performance.

POWERSTACK

Amara Raja's Powerstack, is a high performance battery designed to meet the demands of a wide range of industrial applications. The Powerstack range is modular in structure and is capable of accommodating a wide spectrum of capacities depending on the application.

Performance Edge

- Leadership bolstered by proven performance in harsh tropical conditions, since 1989
- Deep discharge capability
- Modular design for ease of installation and stacking flexibility
- Unique Ribbed Design Polypropylene container and cover offering enhanced strength and durability for safe operation
- Patented Lead Oxide paste recipe offering excellent charge acceptance and low-self discharge rate
- Innovative Plate design offers low internal resistance and superior high rate discharge performance
- Advanced AGM separator offering a longer service life and enhanced high rate discharge performance
- 100% charged when shipped from factory



Range 100 AH - 6120 AH

Amaron Sleek front terminal batteries are designed with True Front terminals and delivers optimal performance in high temperature conditions and deep cycle usage conditions. Manufactured in world's largest integrated MVRLA plant having state of the art manufacturing facilities, this range is designed to offer superior performance in all power backup requirements.

Performance Edge

- Design Float life of 12+ years in accordance with Eurobat Classification of Long Life battery
- Designed to perform in harsh tropical conditions
- Front terminal Batteries with Truly Front Access Terminals
- Integral Dual handles for easy handling & installation
- Automated State-of-art cast-on strap process ensures consistent High-quality Low electrical resistance welds
- Automated interCell Welding offering low internal resistance
- Lip & Tongue type Heat Sealing to ensure a leak-proof seal
- 100% charged when shipped from factory
- Threaded post copper insert terminals offering high conductivity and torque retention



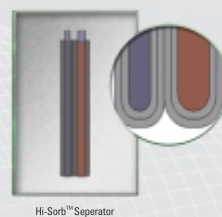
Range 100 AH / 125 AH / 150 AH / 170 AH / 190 AH / 200 AH

Amaron Volt™, the latest product offering from Amara Raja Batteries Ltd is the 2V High Integrity Series from Amaron Hi Life Battery range. Amaron Volt™ incorporates the cutting edge technology offering an unbeatable value proposition for the demanding applications in back-up power.

Amaron Volt™ is designed to be a robust, enduring and reliable Battery Fulfilling all your requirements of back-up power for critical applications even in harsh outdoor environs

Performance Edge

- Robustness to core, suiting Outdoor / rural / off – grid / Critical Installations
- Highest cyclic life, for most competitive Total cost of ownership (TCO)
- Substantially higher OPEX savings and Lowers carbon footprint
- Excels in PSOC operations to suit Demanding application
- Reliable for maintenance – free operation
- Technology with high energy density
- Best in class deep Discharge – Quick Recharge Characteristics
- Time tested & High end VRLA Technology For Telecom Networks
- World Class Aesthetic and User friendliness



Range 300 AH - 5500 AH



AMARON QUANTA™ the industrial segment SMF battery for UPS applications is built to perform. In short, the lifeline to your UPS applications.

AMARON QUANTA is a product of fail-safe, fool-proof battery technology, produced and tested in our premier manufacturing facility. Built to the highest technical competence in its class, the AMARON QUANTA is an example of Amara Raja's commitment to bringing the best of technology to your table. It features several firsts for the battery industry like the unique Radgrid™

Performance Edge

- A clutch of design features ensures that AMARON QUANTA™ batteries perform predictably and reliably everytime.
- A unique heavy-duty corrosion-resistant alloy for positive grids to increase cyclic life in tropical environments
- Radgrid™ profile provides lower internal resistance and superior high-discharge performance
- Instacharge™ a patented paste recipe for excellent charge acceptance
- Low self-discharge rates for extended storage periods
- Clean and sleek looks



Range 7 AH - 200 AH

AMARON QUANTA™ - HWS has been designed to exacting standards at our state of the art facility with an emphasis on reliability which is our hallmark. Uniquely built, AMARON QUANTA™ - HWS promises instant discharge negating the usual downtime in mission critical applications.

Besides ensuring faster charging with high efficiency on resumption of power, together with lower operating costs make AMARON QUANTA™ - HWS an ideal choice for a host of critical power applications, especially in the IT & ITES segment (DATA centers) and Process industries.



Performance Edge

- Delivers up to 25% more power to support high rate discharge application
- Lower IR Values results in 10% quick recharge
- High Volumetric Energy Density, require 10% less space
- 15% high specific energy results in low floor loading
- Batteries can sized and discharges up to 1.67EV

Range 388 W / 440 W / 540 W / 730 W



Performance Edge

- Designed to offer superior solution for HUPS Application
- Delivers up to 40% more cyclic life
- Quick Charge Capability
- High Power Density
- Low life cycle cost (TCO & ROI)
- Superior performance in PSOC conditions
- Low self-discharge

Range 160 AH / 200 AH

AMARON QUANTA™ – HUPS, is a new offering from Amara Raja, backed by 30 years of experience and to suit changing need of customers demand for more cyclic usage from a battery. The product offers higher cyclic life and excels in deep discharge and PSOC operating conditions to deliver enhanced performance.

AMARON QUANTA™ – HUPS range of valve regulated lead acid batteries has been designed to offer superior solutions for the HUPS Application. These ranges are the latest addition to the highly successful, high power density range from Amaron Quanta batteries. It ensures fast charging with high efficiency on resumption of power.



Genpro, the best in class Battery solution from Amara Raja Batteries, offers a perfect solution assuring customers peace of mind for their critical needs of DG Cranking Battery.



Performance Edge

- No periodic topping up and specific gravity checking
- No acid spillage
- Light weight as compared to conventional battery
- Easy to handle with pre-assembled battery & charger
- Excellent cranking capability even at low temperatures (- 18°C).
- Works in temp range of -18°C to 55°C
- Lower power requirement for charging the batteries
- No separate charging equipment required



Range 300 CCA / 400 CCA

Amaron Solar Tubular Battery

Uniquely built Amaron Solar Tubular Batteries has covered all aspects in design, required to give high life beside to ensure fast charge with high efficiency and best in class went design making it a perfect choice for high cyclic back-up requirement.

- Hi-coerce™ spine cast High pressure spine casting (> 100 bar) provides uni-directional grains orientation with micro hardness extradite superior life
- Bountiful Boss™ Allows rapid charge & delivers high power. Optimized current dense & higher conductivity leading to last long
- Panoptic Spine™ Mitigates corrosion prone zone, provides high life – Really long



Range 18Ah to 200Ah

Amaron Solar. The latest offering from the house of Amara Raja to provide power backup solutions for any type of solar power systems. Amaron Solar available in both SMF & Tubular variants.

Performance Edge



Range

75Ah, 100Ah, 120Ah, 150Ah & 180Ah

Amaron Solar SMF Battery

Presenting Amaron Solar, the industrial segment SMF Battery for solar applications which is built to perform. Sensing the need of enduring and reliable source of solar power, Amara Raja offers the complete range of batteries for solar systems available in the market.

- Suitable for PSOC and deep discharge
- Unique heavy duty corrosion-resistant alloy for positive grids to increase cyclic life in tropical environments
- Radgrid™ profile providing lower internal resistance and performance
- Instacharge™, a patented paste recipe for excellent charge acceptance
- Higher AH and WH efficiency



AMARA RAJA

Johnson Controls



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Contains Lead Please handover at approved waste handling point



Completely Recyclable



Protect eyes from Electrolyte



Electrical Hazard



Read Instructions

