

Technical data

Model	Voltage (Volts)	Capacity Ah @20hr	Dimensions (± 2mm)			weight (kgs)	Discharge characteristics in Amps						
			Length	width	height		20 hr to 10.5 EMV	10 hr to 10.5 EMV	5 hr to 10.2 EMV	3 hr to 10.2 EMV	1hr to 9.6 EMV	½ hr to 7.8 EMV	1/4 hr to 7.8 EMV
12AL 026	12	26	167	126	175	9	1.30	2.42	4.46	6.58	17	29	50
12AL 042	12	42	199	167	175	14	2.10	3.91	7.20	10.62	27	47	81
12AL 065	12	65	351	167	175	23	3.25	6.05	11.15	16.44	42	72	125
12AL 070	12	70	351	167	175	23.5	3.50	6.52	12.01	17.70	45	77	134
12AL 080	12	80	351	167	203	27	4	7.45	13.72	20.23	51.95	88.89	153.85
12AL 100	12	100	441	167	216	35	5.00	9.31	17.15	25.29	65	111	192
12AL 110	12	110	441	167	216	35	5.5	10.24	18.87	27.82	71.43	122.22	211.54

EMV: End Module Voltage

Recharge characteristics

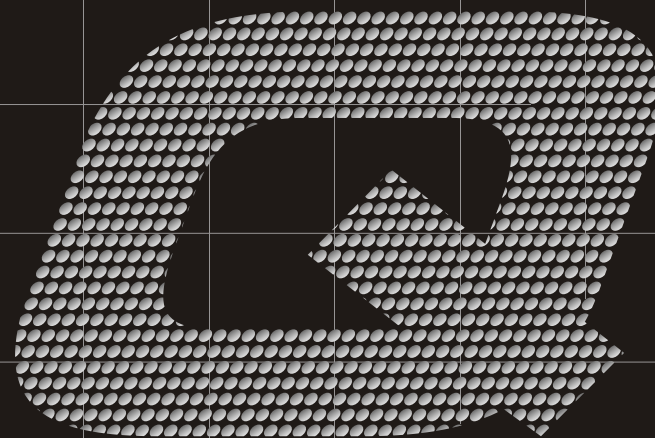
Charge Setting @ 27°C	Charging Voltage per 12 V Module
Float	13.50 V
Boost	13.80 V

The maximum current limit in either charge provision will be 25% of the rated capacity (AH) at a 20-hour rate.

Company-owned service network

An expanding sales and service network spread across the country backs the Amaron Quanta™ range of batteries. The network consists of a qualified team of engineers who provide pre and post-sales service and support.

Back-up your UPS battery decision with solid, proven technology. **Choose Amaron Quanta™**



Amara Raja
Powered by Innovation

AMARON

SEALED MAINTENANCE FREE

QUANTA

UNINTERRUPTED LIFE



AMARA RAJA BATTERIES LIMITED
(An Amara Raja Johnson Controls Company)

Registered Office
Manufacturing Facilities & Central Distribution Centre
Karakambadi - 517 520, Tirupati, Andhra Pradesh, India.

Corporate Operations Office
Corporate Marketing Office & Customer Support Centre
12, Kodambakkam High Road, Chennai - 600 034, India.
Ph: +91 44 2821 3720. Fax: +91 44 2828 4821.
e-mail: mktg@amararaja.co.in, info@quantabattery.com

Other Marketing Offices & Customer Support Centres

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Fax: +91 80 2310 2142

Hyderabad : Ph: +91 40-2339 4594/597
Fax: +91 44 2332 868

Kolkatta : Ph: +91 33-2525 0089/0091
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New Delhi : Ph: +91 11-2954189395/96
Fax: +91 11 2954 1044

Mumbai : Ph: +91 22 2685 0556/557/558
Fax: +91 22-26850537

Authorized Quanta Alliance (AQAs):

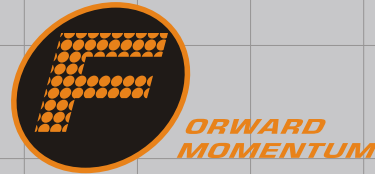


Quality Systems Certified to
EN ISO 9001 : 2000
ISO/TS 16949 : 2002
EN ISO 14001 : 2004



ABB/BD/ON/5000/0007
Design improvement is a continuous process of Amara Raja. As a result, specifications are subject to modification without prior notice.

THE LONG LIFE UPS BATTERY



Presenting Amaron Quanta™, the industrial segment SMF battery for UPS applications built to perform 'forever'. 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™ profile.

As a company that is known for its legendary obsession with technology, Amara Raja has been behind some of the best innovations in technology that India has seen.

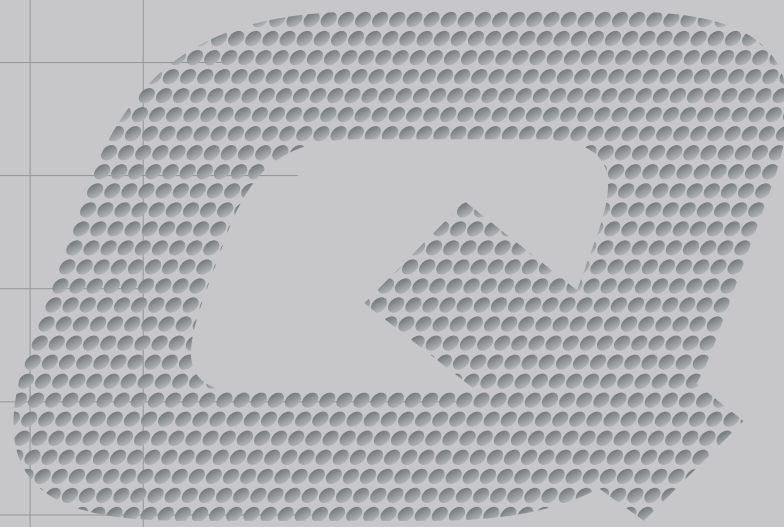
Our VRLA - Valve Regulated Lead Acid batteries for example, were India's first major advance in battery technology. This paved way for our literally no-maintenance and far reliable automotive battery, Amaron®. Amaron® has grown rapidly to become the preferred battery of leading auto manufacturers. Today Amaron® sets the benchmark for quality and technology in the hitherto dormant automotive battery market.

Our every product comes with the double promise of Amara Raja's expertise and support of our alliance partner, Johnson Controls Inc., undisputed world leader in the storage battery business.

The Amaron Quanta™ comes to you with the same promise of advanced technology and unmatched customer service standards followed at Amara Raja.



An UPS battery is meant to provide back-up. So what's the back-up to the back-up? Shall we say, technology? Quanta™ is the product of fail-safe, fool-proof battery technology, produced and tested in our premier manufacturing facility. It features several firsts for the battery industry, like the unique Radgrid™ profile.



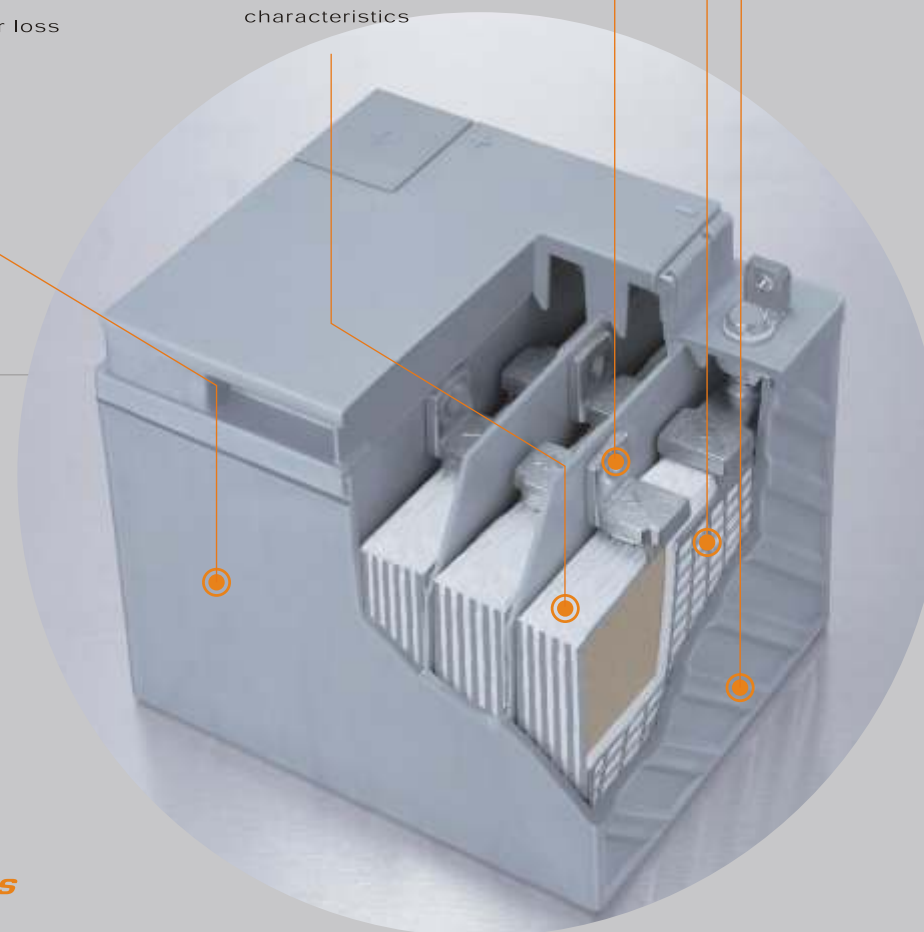
Thicker grids and higher separator compression prolong life expectancy

Inter-cell weld between cells provides a highly reliable, low resistance current path

Reinforced end walls improve impact resistance

PPCP containers with low permeability ensure that there is no water loss

Proven AGM technology ensures maintenance-free characteristics



Uninterrupted life

A clutch of design features ensures that Amaron Quanta™ batteries perform predictably and reliably every time.

- ❖ 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.
- ❖ Conforms to international standards - JIS 8702C.
- ❖ Clean and sleek looks.

Design-wise

An expanding company owned sales and service network spread across the country backs the Amaron Quanta™ range of batteries. Qualified engineers form part of this pre and post sales service and support network.

Back-up your UPS battery decision with Amaron Quanta™, the true-blue Amara Raja.

Amaron Quanta Cradle

Amaron Quanta™ is developed at one of the newest and most extensive facilities in the Johnson Controls Alliance. The stringent quality norms followed at this facility has won it the coveted QS 9000 accreditation. Our Battery Excellence Centre ensures that we set industry benchmarks.

Uninterrupted back-up

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