

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

VRLA - Valve Regulated Lead Acid batteries for example, were India's first major advancement 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 undisputed 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?

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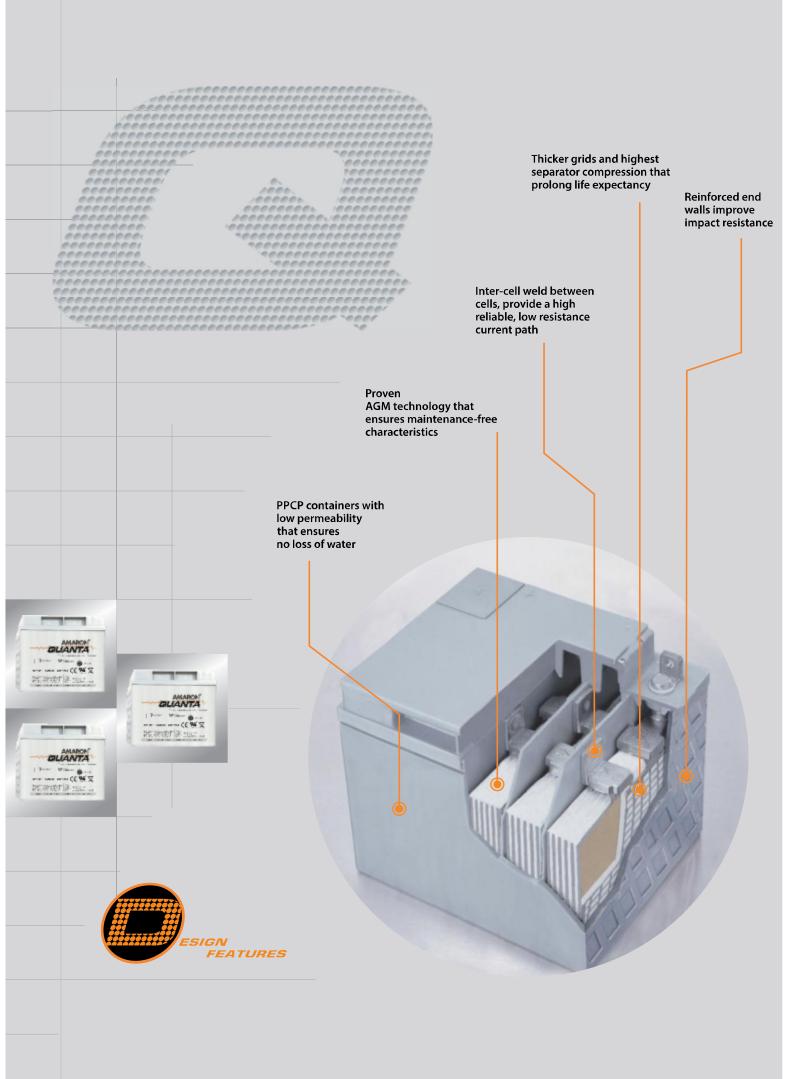


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Applications

- Data Centres
- Banks & Financial MarketsNetwork Operations Centers
- Industrial Pro cess Control Facilities
- Internet Housing Sites
- · Semiconductor Manufacturing
- Power Generation Plants
- Hospital & Testing Laboratories



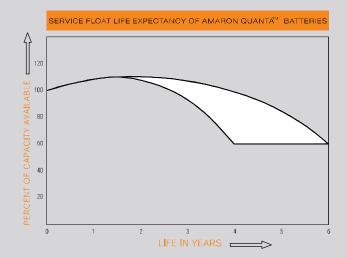


Uninterrupted life



A clutch of design features ensures that Amaron QuantaTh batteries perform predictably and reliable 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.
- Design float life of 10 years
- Clean and sleek looks.



Designed to make life easier



Since Amaron Quanta[™] has a broad range of SMF batteries specifically designed for UPS application, it offers you the right choice, no matter what your particular standby power need is.

It is aesthetically designed, with an L shaped terminal block that comes with a rugged Flappon $^{\text{TM}}$ terminal protector that prevents shorts.

The metallic silver finish gives it a business-like look and feel that blends into the plush office environment.

And every other angle is covered too: Amaron Quanta $^{\text{TM}}$ is compact, lightweight, factory-charged, explosion-resistant and environment-friendly.

800

1000

1200

1400

1600

400

DISCHARGE CHARACTERISTICS OF AMARON QUANTA™ BATTERIES 2.20 2.10 2.00 1.90 1.80 1.70 1.60 1.50 1.40 1.30 1.20 1.10 1.00 100' 1000' 10000

DISCHARGE TIME IN MINUTES

Uninterrupted back-up



Apart from the technology itself, it's our stringent quality norms. Helping us meet them is our ISO 9001 Certified manufacturing plant. This is one of the newest and most extensive facilities in our Battery Excellence Centre ensures that we set industry benchmarks.

Technical data

	Dimensions (±2mm)					CONSTANT POWER DISCHARGE RATINGS - WATTS AT 27°C (10.5EMV*)										
Battery Rating	Capacity Ah@ C20hr	Length	Width	Total Height	Approx Weight (in Kgs) ±3%	10 Min	15 Min	30 M in	60 Min	2 Hrs	3 Hrs	5 Hrs	10 Hrs	20 Hrs	Terminal Type	Poly Material
12V26Ah	26	167	126	175	9.0	673	518	311	198	117	79.5	53.5	29.5	13.5	L terminal (B5)	PPCP
12V34Ah	34	199	167	175	13.4	880	677	407	259	153	104	70	38.6	17.7	L terminal (B6)	PPCP
12V42Ah	42	199	167	175	14	1051	821	513	313	183	131	89.5	50.5	23.5	L terminal (B6)	PPCP
12V65Ah	65	351	167	175	20	1299	1041	640	392	239	169	115	65	29.5	L terminal (B6)	PPCP
12V84Ah	84	351	167	203	27	2032	1650	951	558	363	271.5	184	103	50.5	L terminal (B6)	PPCP
12V100Ah	100	393	173	221	32.5	2254	1820	1131	700	433	304	207	119	60.5	M8 X 25mm Copper	PPCP
12V120Ah	120	393	173	240	36.6	2465	2197	1390	840	520	365	248	143	72.5	M8 X 25mm Copper	PPCP
12V130Ah	130	445	168	247	42	2886	2365	1482	861	532	394	266	146	77.5	L terminal (B6)	PPCP
12V150Ah	150	453	173	251	45	3135	2690	1724	1050	649	456	310	178.5	91	M8 X 25mm Copper	PPCP
12V160Ah	160	445	168	283	52	3552	2911	1824	1060	655	485	327.5	179.5	95.5	L terminal (B6)	PPCP
12V200Ah	200	541	232	238	61	4476	3803	2466	1381	853	599	408	234	119	M8 X 25mm Copper	PPCP

- >> Also available in 7.2Ah, 9Ah,12Ah, 18Ah, 75Ah,105Ah
- >> High Wattage Series (HWS) available in 388W, 440W, 540W, 730W
- >> FR Poly is available as optional

Recharge characteristics

Charge Setting @ 27°C	Charging Voltge 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™.



*EMV: End Module Voltage



AMARA RAJA BATTERIES LIMITED

Corporate Operations Office

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Authorized Quanta Alliance (AQuAs):



