



AMARA RAJA
Gotta be a better way

AMARON[®] QUANTA

LIFE UNINTERRUPTED

S-XEL
TUBULAR SERIES

**Power packed Tubular Battery
for every UPS needs**



AMARON[®] QUANTA

LIFE UNINTERRUPTED



Engineering Excellence. Enduring Power Back Up.

Amara Raja yet again proves its passion for cutting edge technology, by introducing an advanced and smart performing battery Amaron Quanta S-XEL, a Tubular Power Packed Back Up Battery.

A source of 'Uninterrupted Power' for various core industries, this new generation Tubular battery is big in power storage and enduring in performance. 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.

Amaron Quanta S-XEL 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 S-XEL is an example of Amara Raja's commitment to bring the best of its technology. Amaron Quanta S-XEL is the industry's first product of acid circulation formation process technology among tubular batteries which enhances the life of the battery.

Truly, Amaron Quanta S-XEL, the Tubular battery is an innovative excellence that supplies instant power with consistent delivery and low self-discharge for uninterrupted power supply across every work segment.

S-XEL
TUBULAR SERIES

Where Amaron Quanta S-XEL Finds Application • Banks • IT Parks • Corporate Establishments
• Tele communications • Railways • Power Plants & Substation

Design Features	User Benefits
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
Satiated wet paste™	Unique wet pasting process, lowers resistance to delivers consistent power & low self discharge
Endura cast™	Automated cast-on-strap delivers durability & performance
Unified TermiSeal™	Rigid & Integrated terminal connectivity provides sustainable strength
BIC™	Best in class vent design reduces acid spewing, built-in flame arrestor avoids acid mist exit
ACS	Industry first acid circulation formation process enhances battery life

Amaron Quanta S-Xel Tubular batteries Range

Model	Nominal Voltage (V) at 27°C	Capacity @C10hr at 1.80 ECV at 27°C (Ah)	Approx. Battery weight ±5% (Kgs) with acid	Overall Dimension (±3mm)			Constant potential limiting current (Amps)
				Length (L)	Width (W)	Height (H)*	
12ATL075	12	75	30.7	410	176	281	18.75
12ATL100	12	100	47.5	521	230	281	25
12ATL120	12	120	49	500	190	343	30
12ATL130	12	130	50	500	190	343	32.5
12ATL150	12	150	58	500	190	400	37.5
12ATL160	12	160	59	500	190	400	40
12ATL180	12	180	63	500	190	400	45

*H - Height up to terminal top for 75AH & 100Ah & up to top cover for other models.

Charging Parameters

Dual Mode Charge	
The charging facility should have auto float change over and charge mode facilities with the recommended voltage settings	
Charging current	Min. 10% of rated Ah capacity
Float Voltage	14.4 ± 0.1V /battery
Boost Voltage	15.0 ± 0.1V /battery
Over cutoff voltage	15.2V
Under cutoff voltage	10.8V

Amara Raja Batteries Limited
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ISO 9001 : 2008 | ISO 14001 : 2004 | OHSAS 18001 : 2007



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