

Technical Specifications:

Battery Type	Capacity (Ah)		Max. Overall Dimensions (mm)			Battery Weight - Wet (Kg)	Battery Layout
	C ₂₀	C ₅	Length	Width	Height		
INV045D23R	45	36	232	173	225	15.50	①
INV080H29R	80	64	332	173	240	27.00	①
INV100H29R	100	80	332	173	240	28.50	①
INV120D04R	120	96	537	212	247	42.00	②
INV150D04R	150	120	537	212	247	46.00	②
INV180D04R	180	144	537	212	247	52.50	②

Battery Layout



Application chart - Battery back-up time:

Battery Type	Load in Watts				
	100	200	300	400	500
INV045D23R	4 Hrs 15 Min	1 Hr 40 Min	Not Recommended	Not Recommended	Not Recommended
INV080H29R	7 Hrs 30 Min	3 Hrs 15 Min	2 Hrs	1 Hr 25 Min	Not Recommended
INV100H29R	10 Hrs 25 Min	4 Hrs 35 Min	2 Hrs 50 Min	2 Hrs	1 Hr 5 Min
INV120D04R	12 Hrs 45 Min	5 Hrs 35 Min	3 Hrs 30 Min	2 Hrs 30 Min	1 Hr 45 Min
INV150D04R	17Hrs 40 Min	8 Hrs	5 Hrs	3 Hrs 30 Min	2 Hr 35 Min
INV180D04R	19 Hrs 30 Min	9 Hrs	5 Hrs 45 Min	4 Hrs	3 Hrs 5 Min

Please call on Amaron Anytime No. for further details on sales and service

Amaron Anytime™ 9622 036 036*

*AVAILABLE IN SELECT CITIES



AMARON
SHIELD™
INVERTER BATTERIES

POWER INFINITE. ➔

Amara Raja Batteries Limited,
12, Kodambakkam High Road, Chennai - 600 034,
Phone: 044 - 2821 3270, Fax: 044 - 2828 4821
e-mail: mktg@amararaja.co.in
website: www.amararaja.net

The future of batteries



Presenting the New **Amaron Shield™** batteries, with 24 months warranty.

Amaron Shield™ is a product of Amara Raja Batteries Ltd (ARBL) – a partnership between Amara Raja Group and Johnson Controls Inc, USA (world's largest battery manufacturing alliance).

Amaron Shield™ batteries are made in ARBL's QS 9000, ISO 14001 & TS 16949 certified plant, using world-class technology and quality controlled parameters, making them a LONG LIFE, HIGH PERFORMANCE and ULTRA LOW MAINTENANCE (ULM) battery.

Warranty

Every **Amaron SHIELD™** comes with a 24 months pro-rata warranty

- A comprehensive 12 months free replacement warranty that commences right on the date of purchase against manufacturing defects.

- An additional 12 months pro-rata warranty that allows customers to claim rebate corresponding to the period of usage against a new purchase up to 24 months from the date of purchase.

Amaron SHIELD™ Design Features and Benefits

● **Long Life**

- The robust plate design provides extra strength and improves corrosion resistance.

- The PE separator virtually eliminates electrical shorts.
- The solidium weld system (a patented alloy mix) eliminates weld corrosion.
- Ribbed container surface profile withstands temperature extremes

● **Ultra Low Maintenance (ULM™)**

The special hybrid alloy system minimizes water loss, making the battery ultra low maintenance and promotes longer life.

● **Ready to install**

Factory charged, wet shipped, and with T3 terminals

● **Hi Power and Hi Back-up time**

- The heavy duty plate density provides for increased plate strength to withstand intensive repetitive cycling applications
- Most advanced separators that have lower electrical resistance for higher power

● **Leak Proof**

Labyrinth Type Duplex Cover that makes the battery safer and leak resistant.

● **Charge acceptance**

The unique paste formulation provides for quick charging between power failures.