

EXIDE  
INDUSTRIAL

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New  
INVA QUEEN 500+

*Bharosa Wahi  
Maintenance Nahin*



*Mera Inverter Maange Only INVA*

The **INVAQUEEN** 500+ Maintenance Free battery which is designed for demanding Home UPS applications has the distinctive advantage of requiring no topping up before 24 months from the date of sale. The grids of the new battery are cast with innovative alloy and its thick, modified plates ensure a long life and greater reliability. A special low temp vaporous curing process further enhances the superior qualities of the new Home UPS battery. Together, the superior design characteristics give better back up for withstanding frequent and long power cuts.

The unique feature of INVAQUEEN 500+ Maintenance Free batteries is that the user is set free from any maintenance worries, at least for the warranty period of 24 months. The batteries have extra electrolyte, which means lesser top up frequency and unhindered performance. Even after the initial maintenance free period of 24 months, topping up frequency remains less, compared to other conventional flooded batteries. Special user friendly level indicators have also been developed for this battery.

The INVAQUEEN 500+ Maintenance Free batteries come ready-to-use in fully factory charged condition. The rugged internal elements, housed in a light-weight, durable, beautiful container, makes it the Queen of all Home UPS batteries. You can proudly display it in your living room.

#### ADVANTAGES

- Maintenance free for the warranty period of 24 months
- Ready to use
- More reliable
- Better thermal management
- Customised exclusively for inverters
- Low maintenance after warranty period
- Special polythelene 'envelope' separator reduces the probability of internal short circuit, thus enhancing service life
- Eco - Friendly

#### TECHNICAL SPECIFICATION

Model	Capacity*	Dimension (+/-3mm)			Weight (Kg. +/-5%)	Constant Potential Limiting Current (Amps)	Trickle Charge (Current in mA)	
		Length	Width	Height*			Min.	Max.
INVAQUEEN 500+MF	150Ah	530	220	278	51.00	32	125	500

\*Upto Lid Top. \*At 27°C when discharged at C20 upto 1.75 vpc (1.280 sp. gr).

#### NORMAL RECHARGING INSTRUCTIONS

Recharging through Inverter at constant potential mode of 14.4V with limited current as specified. After battery potential reaches 14.4V, the battery should continue in float charge mode at constant potential of 13.8V.

#### BATTERY SELECTION CHART

Inverter Rating VA	DC input voltage	Back-Up Duration						
		6 Hrs.	5 Hrs.	4 Hrs.	3 Hrs.	2 Hrs.	1 Hr.	
300	12	2P IQ500+MF	IQ500+MF	IQ500+MF	IQ500+MF	IQ500+MF	IQ500+MF	IQ500+MF
500	12	2P IQ500+MF	2P IQ500+MF	2P IQ500+MF	2P IQ500+MF	2P IQ500+MF	2P IQ500+MF	2P IQ500+MF
	24	2S IQ500+MF	2S IQ500+MF	2S IQ500+MF	2S IQ500+MF	2S IQ500+MF	2S IQ500+MF	2S IQ500+MF
700	12	3P IQ500+MF	3P IQ500+MF	2P IQ500+MF	2P IQ500+MF	2P IQ500+MF	2P IQ500+MF	2P IQ500+MF
	24	2S X 2P IQ500+MF	2S X 2P IQ500+MF	2S IQ500+MF	2S IQ500+MF	2S IQ500+MF	2S IQ500+MF	2S IQ500+MF
1000	12	4P IQ500+MF	4P IQ500+MF	3P IQ500+MF	2P IQ500+MF	2P IQ500+MF	2P IQ500+MF	2P IQ500+MF
	24	2S X 2P IQ500+MF	2S X 2P IQ500+MF	2S X 2P IQ500+MF	2S X 2P IQ500+MF	2S X 2P IQ500+MF	2S X 2P IQ500+MF	2S X 2P IQ500+MF
1300	24	2S X 3P IQ500+MF	2S X 2P IQ500+MF	2S X 2P IQ500+MF	2S X 2P IQ500+MF	2S X 2P IQ500+MF	2S X 2P IQ500+MF	2S X 2P IQ500+MF
	48	4S X 2P IQ500+MF	4S IQ500+MF	4S IQ500+MF	4S IQ500+MF	4S IQ500+MF	4S IQ500+MF	4S IQ500+MF
2000	48	4S X 2P IQ500+MF	4S X 2P IQ500+MF	4S X 2P IQ500+MF	4S X 2P IQ500+MF	4S X 2P IQ500+MF	4S X 2P IQ500+MF	4S X 2P IQ500+MF

S= Series connection; P= Parallel connection. 4S X 2P IQ500+MF => A string containing 4 nos. IQ500+MF batteries in series and 2 nos. such strings in parallel. IQ500+MF stands for INVAQUEEN500+MF

- Note:** 1. The Warranty will be void if the strip sticker on top of the lid is removed before 24 months.  
2. It is mandatory to check water level of battery on completion of 24 months but before the end of the 27th month of sale.

#### Statutory Notice:

All batteries contain lead, which is harmful for humans and environment. As per statutory requirements, the used battery must be returned to the authorized dealer, manufacturer or at the designated collection centres.

Contact our Exide Powercentre Showrooms for Sales & Services



**INVAQUEEN** is a product of ISO 9001 and ISO 14001 certified factories

#### Head Office

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PHX/IQ500+MF/12K/12-2008

\*Applied for

[www.exide4u.com](http://www.exide4u.com)