



Best-in-class
inverter batteries
for an uninterrupted life

INDIA MOVES ON **EXIDE**

The hi-tech partner
for your inverter



**36-MONTH
WARRANTY***

EXIDE INVAsmart ADVANTAGES

- **Enhanced life:** Robust design prevents corrosion in positive plates which lowers degradation and enhances life expectancy
- **Low water loss:** Optimised alloy system is most suitable for deep discharge applications by ensuring low water loss
- **Service life:** Double-clad separation with special type ribbed PE envelope and glass mat increases the reliability and service life
- **Easy to connect:** Lug type take-off makes the battery easy to connect
- **Easy maintenance:** Float with Float Guide indicates MAX/MIN levels of electrolyte
- **State-of-charge:** The Magic Eye indicates the state-of-charge of the battery

APPLICATION CHART FOR EXIDE INVAsmart RANGE OF BATTERIES

Electrical Load (with respect to Max. Inverter Rating)	Max. Inverter Rating	System Voltage	Recommended Battery for Different Back-up Time		
			5 Hours	3 Hours	2 Hours
2 Fans + 2 Tube lights	350VA	12V	IM1500	IM1000	IM880
2 Fans + 3 Tube lights	400VA		-	IM1500	IM1000
4 Fans + 4 Tube lights	800VA		-	-	IM1500
8 Fans + 8 Tube lights	1600VA	24V	-	-	2S-IM1500

Note:

1. Cut-off voltage of inverter should be 10.5V (minimum). Tube light is considered as 40W & Ceiling Fan as (size 48") 70W.
2. There should be a periodic Bench-Charging of the battery after every three months from the date of installation.
3. 2S = Two batteries connected in series.

TECHNICAL SPECIFICATIONS OF EXIDE INVAsmart RANGE OF BATTERIES

BATTERY TYPE	PART NUMBER	REF C ₂₀ CAPACITY (AH)	MAXIMUM OVERALL DIMENSIONS (mm)				NOMINAL FILLED WEIGHT (KG)	ELECTROLYTE VOLUME (LITRES)	CHARGING CURRENT (A)	ACID LEVEL INDICATOR	BATTERY LAYOUT
			L (MM)	W (MM)	H (MM)	H (With Float) (MM)					
IM880	FIM0-IM880	88	505	182	257	270	32.7±3%	8.45	6.2	Present	
IM1000	FIM0-IM1000	100	505	182	257	270	33.8±3%	8.70	7.0	Present	
IM1500	FIM0-IM1500	150	521	278	270	291	52.3±3%	14.3	10.5	Present	

EXIDEcare

1800 103 5454

When you return a used battery to any of our authorised dealers, we contribute on your behalf, to UNICEF's Child Environment Programme. It would help change the lives of the underprivileged children who are in dire need of water, sanitation and hygiene in schools. Your contribution would help save our environment as well. Lead, a major component in your battery, if not handled responsibly, can harm the environment and our health. Return your used battery and make the world a better place.



Authorised Exide Dealer

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