



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

APPLICATION CHART FOR EXIDE INVASmart BATTERIES

If Summation of Electrical Load	Max Inverter Rating	System Voltage	Recommended Battery Capacity for different Backup time				
			5 Hrs.	4 Hrs.	3 Hrs.	2 Hrs.	1 Hrs.
≤160 Watt	250 VA	12V	-	IM1000	IM880	-	-
161 - 240 Watt	350 VA		IM1500	-	IM1000	IM880	-
241 - 440 Watt	650 VA / 700 VA		2P - IM1500	-	-	IM1500	IM1000
441 - 600 Watt	850 VA / 900 VA		-	-	2P - IM1500	-	-
601 - 700 Watt	1050 VA / 1100 VA		3P - IM1500	-	2P - IM1500	-	IM1500
701 - 1000 Watt	1450 VA / 1500 VA		-	-	-	2P - IM1500	-
≤1000 Watt	1450 VA / 1500 VA	24V	2S X 2P - IM1500	2S X 2P - IM1500	-	-	2S - IM1000

Note:- 1.Cut-off voltage of inverter should be 10.5V (Minimum). 2. There should be a periodic Bench-Charging of the battery after every three months from the date of installation. 3. S = Series connection; P = Parallel connection; e.g. 2S x 2P = A string containing 2 nos. batteries in series and 2 nos. such strings in parallel
Consideration of Electrical Load Details • 1 no. Fan = 80 Watt • 1 no. Tube light = 40 Watt

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	FIMO-IM880	88	505	182	257	270	32.7±3%	8.45	6.2	Present	
IM1000	FIMO-IM1000	100	505	182	257	270	33.8±3%	8.70	7.0	Present	
IM1500	FIMO-IM1500	150	521	278	270	291	52.1±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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