

SAVER

TUBULAR BATTERY

100 Ah - 220 Ah

Made with Hi-Power Selenium technology which makes it almost self-sustainable battery (Low maintenance) and more durable (Low self-discharge current). All of smarten's batteries are solar panel compatible.

It protects you from the suffering of buying a new battery whenever you wish to switch to solar. Saver is a programmable battery. Hence, it can be used in a wide variety of applications.



SOLAR PANEL COMPATIBILITY



HI-POWER SELENIUM TECHNOLOGY



MORE BACKUP, MORE RELIABILITY



DEEP-CYCLE SOLAR COMPATIBILITY BATTERY



LOW MAINTENANCE



LOW SELF DISCHARGE CURRENT



JTB TECHNOLOGY TO HANDLE HIGH SURGE CURRENT OF LOAD



IS 16242 (Part 1): 2014



R-95000477



Technical Specification

Battery Type	Tubular Solar Battery	Tubular Solar Battery	Tubular Solar Battery
Battery Capacity	12V 100Ah	12V 150Ah	12V 200Ah
Rated Capacity	100Ah @C10	150Ah@C10	200Ah @C10
Length (mm)	505	410	410
Width (mm)	220	190	190
Height (mm)	245	505	505
Dry Weight (KG in Approx.)	30	44	54
Wet Weight (KG in Approx.)	46	60.3	64.5
Warranty	60 Months Replacement	60 Months Replacement	60 Months Replacement
Terminal	Rust Proof Technology		
Container	Robust Clean Rugged Construction		
The ampere-hour efficiency	≥ 91.6%		
Special features	<ul style="list-style-type: none"> ➤ Leakproof ➤ Low SELF -Discharge (≤3% Per Month @ 27 °C) ➤ High Discharge Capacity 		
Type of -ve plate AH efficiency WH efficiency Terminal Type Type of separator Type of container Operating temperature range Self-discharge for 30days Recommended Max period of storage Electrolyte specific gravity of the end charge at 27°C Electrolyte specific gravity of the end discharge	<ul style="list-style-type: none"> ➤ Flat Pasted ➤ >90% ➤ >90% ➤ L-Terminal with Antimony Lead Alloy PE ➤ PPCP ➤ -20°C to +60°C ➤ ≤3% (As per IS13369 ≤10%) ➤ Max. 60days at 27°C ➤ 1.24 ➤ 1.13 		
Uses	<ul style="list-style-type: none"> ➤ Banks ➤ IT Parks ➤ Corporate Establishments ➤ Telecommunications ➤ Railways ➤ Online UPS/Inverter 		

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