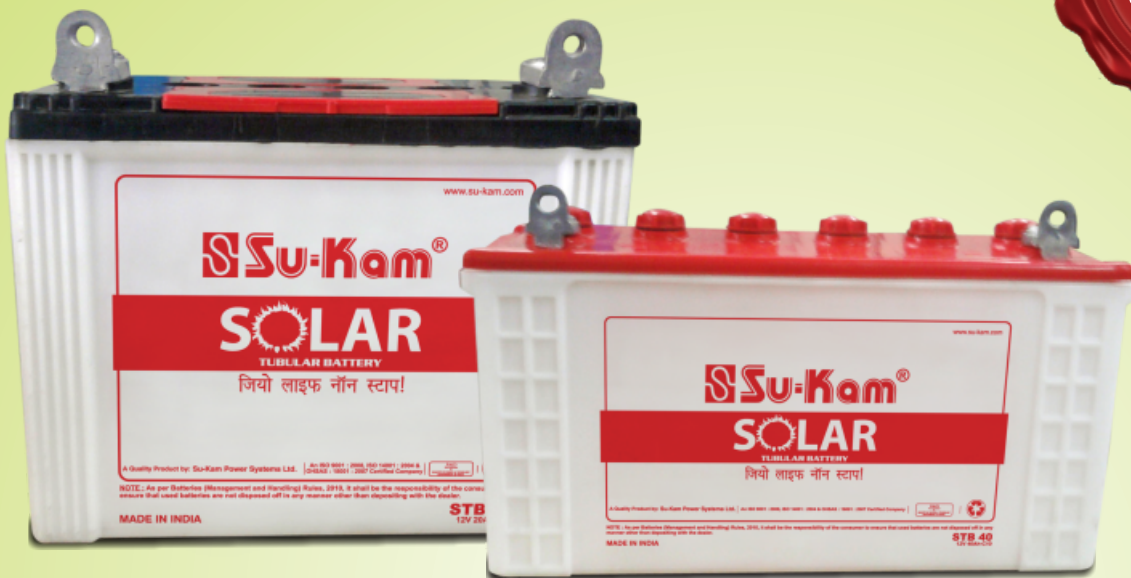


THE BATTERIES THAT GIVE YOU HIGHER RETURN!



Range:
20Ah to 200Ah

Solar Tubular Battery
For longer back-up

Su-Kam Power Bank SOLAR series of Batteries are specially designed for optimum performance, very long life and high reliability. These are eminently suitable for a wide range of applications.

Su-Kam batteries, designed for use with Su-Kam Solar Systems, are built to last longer and are rugged enough to be used in any weather condition.

Homes located in remote areas without access to grid power often depend on off-grid renewable energy systems to satisfy their power requirements. For these solar, wind and hybrid powered systems energy storage plays a critical role in providing uninterrupted power when the sun does not shine or the wind does not blow.

Su-Kam Solar batteries are designed at c/10 rating are engineered for the long life requirements of off-grid/hybrid and DC based systems and residential systems. Homeowners can optimize their renewable energy systems and dramatically reduce operating costs when powering their homes in remote areas. Whether homeowners use solar panels, wind turbines, or a combination of different sources in a hybrid system.

HIGHLIGHTS OF SU-KAM SOLAR BATTERIES

Innovative

- Su-Kam Solar batteries are designed at C/10 rating for deep discharge performance
- It has the capacity to sustain partial state of discharge
- The Ah efficiency of the battery >90%; whereas Wh efficiency >= 75% & endurance Test is qualified as per IS 13369:1992

Economical

- Operating cost is quite low hence its pocket friendly

Certifications

- TUV IS 13369:1992 Certified
- MNRE, Govt. of India approved

Convenient

- Su-Kam Solar batteries need water topping twice a year unlike other batteries which needs atleast 4 or more times.



SOLAR BATTERIES TECHNICAL SPECIFICATION

Physical Parameters	Tolerance	UOM	Battery Type								
			12V/ 20Ah	12V/ 40Ah	12V/ 75Ah	12V/ 80Ah	12V/ 100Ah	12V/ 120Ah	12V/ 120Ah	12V/ 150Ah	12V/ 200 Ah
Length	±3 mm	mm.	258	410	515	515	515	518	503	503	503
Width	±3 mm	mm.	172	175	215	215	215	274	193	193	193
Height[upto LID top]	±2mm	mm.	202	212	212	212	212	248	374	374	374
Height[upto Terminal top]	±2mm	mm.	238	250	250	250	250	286	412	412	412
Weight[DRY]	± 5%	Kg.	10.5	20	24.5	27.4	10.5	36.5	38.7	42.4	52.1
Weight[FILLED]	± 5%	Kg.	15.3	25.6	38	40.5	15.5	58.2	61.5	65	72.5
Marking	N/A	As per IS 13369:1992									
Terminal Post	N/A	Clearly marked									
Electrolyte	N/A	To conform IS 226: 1977									
Electrolyte level indicator	N/A	Present									
Sp. Gr of fully charged battery	N/A					1.240 ± 0.005					
Container Type	N/A		N-50	N-100	N-150	N-150	N-150	Jumbo	IT-500	IT-500	IT-500
Nominal C10 Capacity (Ah) @27°C upto 1.80 VPC	N/A		20	40	75	80	100	120	120	150	200
Ah Efficiency	N/A	≥ 90%									
Wh Efficiency	N/A	≥ 75%									
Endurance test	N/A	Qualified as per IS 13369:1992									
Loss of capacity during storage	N/A	< 10%									

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