

Energy Storage System

Modules & Racks

Cabinet capabilities modular based energy to meet higher energy storage capacities and also to answer the need of high current requirements.

Our energy storage system based on various standard modular and with optimum flexibility to design customized modules to fit within same Ucase and cabinet.



SALIENT FEATURES

- ⚡ Expandable in series as well parallel.
- ⚡ LFP based ESS, long life.
- ⚡ Safest battery with modular design.
- ⚡ Wide operating temperature range.
- ⚡ Flexible control that covers all commercial fields.
- ⚡ Quick and easy installation.
- ⚡ Low maintenance requirement.

Technical Specifications

S.No	Parameters	Descriptions	Unit	ES006	ES007
1.	Energy		kW	144	140
2.	Chemistry			LFP	
3.	Nominal Voltage		V	240	256
4.	Rated Capacity		Ah	600	550
5.	Operating Voltage	Charge	V	288	292
		Discharge		160	224
6.	Cell Configuration	Single Cabinet	Nos.	15S200P	16S110P
		Total Cells		3000	1760
7.	Life Cycles (at 70% DOD)		Nos.	≥ 2500	≥ 5000
8.	Dimensions of Cabinet	l x w x h	mm	540 x 600 x 2300	600 x 800 x 2050
9.	Max. Continuous Discharge Current		A	120	300
10.	Temperature	Charge	°C	0°C ~ 55°C	0°C ~ 50°C
		Discharge		-20°C ~ 70°C	-20°C ~ 50°C
		Storage		-20°C ~ 45°C	
11.	Humidity		%	5% ≤ RH ≤ 85%	

PROTECTION

- ⚡ Over temperature cutoff.
- ⚡ Over voltage cutoff.
- ⚡ Short circuit protection.
- ⚡ Over charge/discharge cutoff.
- ⚡ Over current cutoff.



The future lies with
Future Hi-Tech

We are certified for the essential parameters of the industry which includes:

ISO 9001 | ISO 14001 | ISO 18001 |  **RoHS** |  **CE** |  **FC**

Further we are empanelled with following agencies:

DRDO-SASE | BEL | COD
& many more

MNRE Channel Partner

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