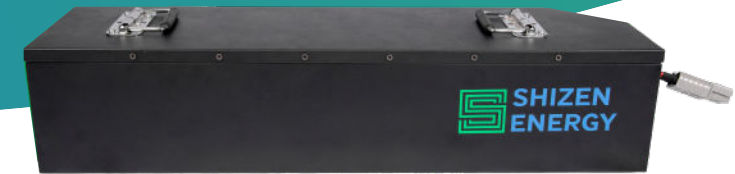
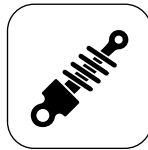
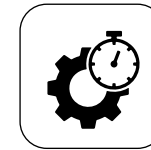


**STACKER BATTERY**

A long-lasting stacker in your warehouse with uninterrupted power will ensure your loading and unloading happens like clockwork. We at Shizen Energy can make that happen with our Stacker Lithium Battery Pack, which is the perfect option for powering your stackers, aerial work platforms, and other warehousing equipment. Our cells are tested to withstand extreme situations such as high charge and discharge currents, elevated temperature levels, and mechanical shock absorption. The stacker batteries also come with built-in counterweights to ensure vehicle stability and are easy to install. Our lithium battery packs are able to operate for extended periods of time and support fast-charging, certifying hassle-free operations without any delay.

**FEATURES:****High Power****Advanced Thermal Management****Shock Absorption****Balancing Counterweight****High Efficiency****Models:****24V-100-150AH****Lifting Material, Waste Management, Manufacturing Units**

MODEL	ST-24V-100AH & 120AH	ST-24V-150AH
<b>ELECTRICAL SPECIFICATIONS</b>		
1 Cell chemistry	NMC	LFP
2 Pack combination	7S1P	
3 Nominal Voltage	25.6V	
4 Nominal capacity	100 / 240	150
5 Energy	2.5kwh / 3kwh	3.8 kwh
6 Efficiency	95%	
7 Usable Capacity (%)	100%	
8 DOD %	>91%	
9 Warranty	3 years	
10 Life (Years) / Life Cycle	>2500 times (<0.5C)	
11 Self discharge rate	≤1%/month	
<b>CHARGE &amp; DISCHARGE SPECIFICATIONS</b>		
12 Charging mode	CC/CV	
13 Charging current (Max)	100A	
14 Charging voltage (Max)	29.4V	
15 Recommended low voltage cut off	22.4V	
16 Max continuous discharge current	300A	
17 Peak discharge current	900A (3Sec)	
18 BMS wakeup	Charger in Charging the Battery	
<b>TEMPERATURE SPECIFICATIONS</b>		
19 Charging	Charge: 0 ~ 45°C	
20 Discharge	Discharge: -20 ~ 60°C	
21 Storage	-5 ~ 35°C	
22 BMS high temperature cut off	65°C	
23 BMS low temperature cut off	-10°C	
<b>MECHANICAL SPECIFICATIONS</b>		
24 Dimensions(L*W*H)mm	750 X 170 X 530 / 797 X 212 X 615MM With counter weight	70 * 300mm Mounting Pitch(L*W)-753 * 170 Without counter weight
25 Weight (kg)	270 / 170 Kg	106/ 96kg
26 Terminal Type	Anderson Connector	
27 Type of Enclosure	CRCA 1.2mm iron sheet, electro-plated and powder coated	
28 Enclosure Protection	Silicone Sealant (Clear)	
29 Connectors	1. 35SQMM With SB175 Male 2 Way Battery Connector (Discharge) 2. 10SQMM Cable with SB50	
30 Communication Ports	RS485,CANBus,Bluetooth Optional	
31 Certifications	ICAT	
32 Display	LCD	

## Shizen Energy India Pvt Ltd

**Chennai Head Office (South Region):** 9th Floor, Gee Gee Foundations  
Mc Nichols Rd, Chetpet, Chennai- 600031, Tamil Nadu, India

**Chennai Factory:** New Door No. 48, Old Door No. 37  
Varadarajapuram, Poonamallee Chennai- 600056, Tamil Nadu, India

**Chandigarh Office (North Region):** Plot No.209, HSIIDC Road  
Alipur, Barwala Dist. Panchkula -134118, Haryana, India

### Safety and Precautions:

- ⚡ DO NOT use the battery in any appliance or purpose for which it was not intended.
- ⚡ DO NOT dispose of the battery in a fire or place the battery in water.
- ⚡ PLEASE consult SHIZEN ENERGY INDIA for any information regarding operating, modifying, or disposing of the battery pack.



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