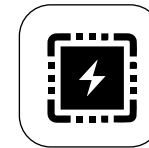


TOW TRUCK BATTERY

Industrial tow trucks need a dependable energy source to support heavy loads and power through multiple shifts. Shizen Energy has introduced the Tow Truck Lithium Battery Pack, an advanced lithium-ion battery capable of delivering unparalleled efficiency. It employs a smart battery management system (BMS) protection board, ensuring that this lithium battery pack is protected from damage caused by overcharging, discharging, overcurrent, short circuits, and preventative self-diagnosis. Our ultra-high performing prismatic cells will give you a minimum of 2500 cycles and are temperature-resilient, so that your tow truck is constantly performing with the highest standards for safety.

**FEATURES:****Easy
Installation****Maintenance-
Free****Dust & Water
Proof****Safety-Tested****Unmatched
Power****Models:****48V, 80V 240AH - 700AH,
24V 200AH - 360AH****Air Cargo, Baggage Handling**

MODEL	TT-80V-700AH
ELECTRICAL SPECIFICATIONS	
1 Cell chemistry	LFP
2 Pack combination	16S3P
3 Nominal Voltage	51.2V
4 Nominal capacity	700
5 Energy	35.8kwh
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
CHARGE & DISCHARGE SPECIFICATIONS	
12 Charging mode	CC/CV
13 Charging current (Max)	100A
14 Charging voltage (Max)	54.8V
15 Recommended low voltage cut off	41.6V
16 Max continuous discharge current	450A
17 Peak discharge current	1200A (3Sec)
18 BMS wakeup	Charger in Charging the Battery
TEMPERATURE SPECIFICATIONS	
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
MECHANICAL SPECIFICATIONS	
24 Dimensions(L*W*H)mm	Customisable
25 Weight (kg)	
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

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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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