

TLF-48150

7.2kWh

Battery PACK



- ✓ Longer Usage Life
- ✓ High Power Capacity
- ✓ High Energy Density
- ✓ Environment Friendly
- ✓ Light Weight

Pack Specification

Model: TLF-48150

Item	Specification	Remarks
Electrical		
Module Configuration	15S 25P	-
Installed Energy	7.2 KWh	-
Usable Energy	6.48 KWh	@ 90%
Nominal Voltage	48 VDC	-
Operating Voltage Range	41.25 ~ 54.75 VDC	-
Rapid Charge Current	75 A	@ 0.5C
Rated Charge Current	30 A	@ 0.2C
Pulse Discharge Current	300 A	≤ 2S
Rated Discharge Power	7.2 kW	-
Rated Discharge Current	150A	-
BMS Features	Deep discharge & Over charge, Cell Balancing & Temperature compensation, Short circuit	-
Communication (If required)	CAN, RS485, UART, BLUETOOTH	-
Mechanical		
Dimension	510 (L) x 415 (B) x 300 (H) mm	±5 mm
Housing Material	MS Casing	
Weight	76kg	±5%
IP Grade	IP66	-
Cell	32650-3.2V-6000mAh	-
Charge/Discharge Terminal	HVIL 200	-
Environment		
Operating Temperature	Charging	0 ~ 45°C
	Discharging	20 ~ 55°C
Storage Humidity		<60±25% RH
Storage Temperature	1 Year	-20 ~ 25°C
	6 Months	25 ~ 35°C
	3 Months	35 ~ 45°C
	<1 Week	45 ~ 60°C
Expected Cycle & Calendar Life**		
Cycle Life @ DoD 90%	≥2,000 cycles	@ 25±3°C, 0.2C/1C

****Depending on the load profile, the warranty condition may differ****

We reserve the right to change the content of specification without prior notice.