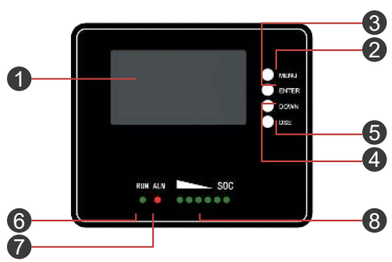
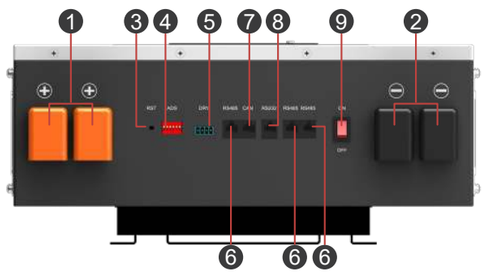
MUST wall mounted Lithium battery (LiFePO4 Battery) solutions are highly integrated, deep cycle backup power solutions for your solar home energy storage system. With rich experience and advanced techniques, the product has the features of the fashionable design, high energy, high power density, long service life, and easiness of installation and expansion.

*** Custom capacity is acceptable.**

Pic of Input & Output Port



1. LCD display
2. Menu buttons
3. Enter buttons
4. Down buttons
5. DES buttons
6. RUN indicator
7. Alarm indicator
8. SOC indicator



1. BAT+
2. BAT-
3. RST port
4. ADS switch
5. DRY port
6. RS485 communication port
7. CAN port
8. RS232 communication port
9. Start buttons

MUST
Solar Power System

LP1600 Series

Technical Data		LP16-2450	LP16-24100	LP16-24200	LP16-4850	LP16-48100	LP16-48200
Nominal Voltage		25.6V			51.2V		
Nominal Capacity		50Ah	100Ah	200Ah	50Ah	100Ah	200Ah
Nominal energy		1280Wh	2560Wh	5120Wh	2560Wh	5120Wh	10240Wh
Life Cycles		6000 cycles @ 80% DOD, 25℃					
Recommended Charge Voltage		29.2V			58.4V		
Recommended Charge Current		10A	20A	40A	10A	20A	40A
End Of Discharge Voltage		22V			44V		
Standard Method	Charge	10A	20A	40A	10A	20A	40A
	Discharge	25A	50A	100A	25A	50A	100A
Maximum Continuous Current	Charge	50A	100A	100A	50A	100A	100A
	Discharge	50A	100A	100A	50A	100A	100A
BMS Cut-Off Voltage	Charge	29.2 V (3.65V/Cell)			58.4 V (3.65V/Cell)		
	Discharge	22.0V (2s) (2.75V/Cell)			32.0V (2s) (2.0V/Cell)		
Temperature	Charge	-4 ~ 113 ℉ (0 ~ 45℃)					
	Discharge	-4 ~ 131 ℉ (-20 ~ 55 ℃)					
Storage Temperature		23~95 ℉ (-5~35℃)					
Shipment voltage		≥25.6V			≥51.2V		
Module Parallel		Up to 15 units					
Communication		CAN2.0/RS232/RS485					
Case Material		SPPC					
Dimension (L x W x H)		340x400x140 mm	450x400x140 mm	450x400x140 mm	450x400x140 mm	580x490x145 mm	580x490x145 mm
Approx. Weight		13.8kg	23kg	45kg	23kg	44kg	82kg
Charge Retention And Capacity Recovery Capability		Standard charge the battery, and then put aside at room temperature for 28d or 55 ℃ for 7d, Charge retention rate≥90%, Recovery rate of charge≥90					
Certification & Standards		CE-EMC (EN 61000-6-3: 2007+A1: 2011+AC: 2012 EN IEC 61000-6-1: 2019) IEC62619-1:2018; IEC62619:2022; IEC62619:2017; UN38.3/ MSDS					

·The technical specifications of this document are subject to change without any notice