

Lithium Iron Phosphate (LiFePO4) Battery

MUST

LP1900 Series

15.3~25.6KWH



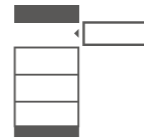
MUST LP1900 Series is a lithium iron phosphate (LiFePO4) battery that offers multiple energy storage options through an expandable modular design (3-5 modules combined), which further simplifies installation and O&M with multiple smart functions.

* Custom capacity is acceptable.



MODULES COMBINED

Easy plug-in installation



EXTEND ANYTIME

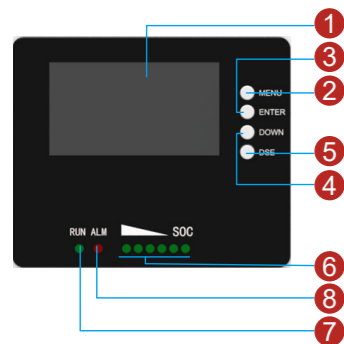
Adapt to new requirements



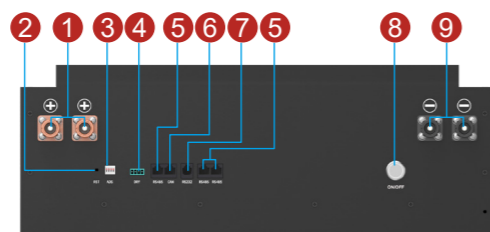
HIGH POWER

Power for all applications

Pic of Input & Output Port



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



1. BAT+
2. RST port
3. ADS port
4. DRY port
5. RS485 communication port
6. RS232 communication port
7. CAN port
8. ON/OFF indicator
9. BAT-

MUST
Solar Power System

LP1900 Series

Technical Data		LP19-48300	LP19-48400	LP19-48500
Nominal Voltage		51.2V		
Nominal Capacity		300 Ah	400 Ah	500 Ah
Nominal energy		15360 Wh	20480 Wh	25600 Wh
Life Cycles		6000 cycles @ 80% DOD, 25°C		
Recommended Charge Voltage		57.6V		
Recommended Charge Current		60A	80A	100A
End Of Discharge Voltage		44.0V		
Standard Method	Charge	60A	80A	100A
	Discharge	100A	100A	100A
Maximum Continuous Current	Charge	100A	100A	100A
	Discharge	100A	100A	100A
BMS Cut-Off Voltage	Charge	58.4 V (3.65V/Cell)		
	Discharge	44.0V (2s) (2.75V/Cell)		
Temperature	Charge	-4 ~ 113 °F (0 ~ 45°C)		
	Discharge	-4 ~ 131 °F (-20 ~ 55 °C)		
Storage Temperature		23~95 °F (-5~35°C)		
Shipment voltage		≥51.2V		
Module Parallel		Up to 8 units		
Communication		CAN2.0/RS232/RS485		
Case Material		SPPC		
Dimension (L x W x H)		537 x 498 x 642 mm 21.0 x 19.6 x 25.2"	537 x 498 x 815 mm 21.0 x 19.6 x 32"	537 x 498 x 982 mm 21.0 x 19.6 x 38.6"
Approx. Weight		330.69 lbs (150 kg)	429.90 lbs (195 kg)	529.11 lbs (240 kg)
Charge Retention And Capacity Recovery Capability		Standard charge the battery, and then put aside at room temperature for 28d or 55 °C 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) UN38.3/ MSDS		

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