Technical Specifications

Item	LMN-144S16-50B	LMN-144S24-50B2
PV Container		
Container Model	LMP20-144S	LMP20-144S
Number of PV Containers	16	24
Total PV Capacity	2304kWP	3456kWP
Module Powei	720W	720W
Open Circuit Voltage	~49V	~49V
Short Circuit Current	18.55A	18.55A
String Configuration	28/29pcs per string	28/29pcs per string
Step-up Transformer Mode	LM-2000-XB-10	LM-2000-XB-10
PV Transformer Station		
Transformer Capacity	2000kVA	3150kVA
Voltage Range	690V/6~35KV	690V/6~35KV
Transformer Type	Dry/Oil	Dry/Oil
Protection Grade	IP55	IP55
Cooling Method	Air cooling	Air cooling
Relative Humidity	0~95% (non-condensing)	0~95% (non-condensing)
Operating Temperature	-20~+50℃	-20~+50℃
Altitude	4000m，derating > 2000m	4000m，derating > 2000m
Dimensions	3700*2300*2600mm	3900*2300*2600mm
Weight	6.5t	9t
Battery		
Model	LMS20-50B	LMS20-50B
No. of Containers	1	2
Total Battery Capacity	5015kWh	5015kWh
Cell Type	LFP314AH	LFP314AH
Pack Configuration	1P52S	1P52S
Battery Compartment Configuration	12*1P416S	12*1P416S
Battery Compartment Rated Voltage	1331.2V	1331.2V
Battery Voltage Range	1164.8-1497.6V	1164.8-1497.6V
Cooling Method	Liquid cooling	Liquid cooling
Fire Suppression System	Aerosol	Aerosol
Dimensions	6058*2438*2896mm	6058*2438*2896mm
Weight	42t	42t
PCS Boost Integrated Unit		
Model	LM-2500-UG-10	LM-5000-UG-10
Rated Output Power	2500kW	5000kW
Rated Output Voltage	6~35kV	6~35kV
Rated Output Frequency	50/60Hz	50/60Hz
Transformer Capacity	2500kVA	5000kVA
Transformer Winding Configuration	690V/6~35kV	690V/6~35kV
Transformer Type	Dry/Oil	Dry/Oil
Protection Grade	IP55	IP55
Battery Compartment Cooling	Air cooling	Air cooling
Relative Humidity	0~95%，(non-condensing)	0~95%，(non-condensing)
Operating Temperature	-20~+50℃	-20~+50℃
Altitude	4000m，derating > 2000m	4000m，derating > 2000m
Dimensions	6058*2438*2896mm	12192*2438*2896mm
Weight	17t	22.5t

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