

ProeM-2024 Outdoor Liquid-cooling Energy Storage Cabinet



Low Costs

- Modular design ESS for easy transportation, operations, and maintenance
- All pre-assembled; no site installation



Safe and Reliable

- Intelligent monitoring and linkage actions ensure battery system safety
- Integrated cooling system for thermal safety and enhanced performance and reliability



Efficient and Flexible

- High-efficiency liquid cooling technology with the temperature difference $\leq 3\text{ }^{\circ}\text{C}$
- Modular design supports parallel connection and easy system expansion



Wide Application

- 1C system, which can be used for harsh working conditions
- Fit for different operation scenarios

Product Model	ProeM-186	ProeM-232	ProeM-279	ProeM-326	ProeM-372
Cell parameters					
Cell type	LFP				
Cell capacity	280 Ah				
PACK parameters					
Cell configuration	1P52S				
PACK rated voltage	166.4 V				
PACK energy	46.592 kWh				
Cabinet parameters					
System battery configuration	1P208S	1P260S	1P312S	1P364S	1P416S
PACK qty	4	5	6	7	8
Rated energy (BOL) at DC side	186 kWh	232 kWh	279 kWh	326 kWh	372 kWh
System output voltage range	582.4~748.8 Vdc	728~936 Vdc	873.6~1123.2 Vdc	1019.2~1310.4 Vdc	1164.8~1497.6 Vdc
Rate for charging and discharging	≤1C				
Dimensions (H*W*D)	2300*1330*1350 mm				
Weight	2120 kg	2450 kg	2780 kg	3110 kg	3440 kg
Level of protection	IP54				
Anti-corrosion grade	C4				
Relative humidity	0 %~95 % (non-condensing)				
Operating temperature range	Charging: 0 °C~55 °C; Discharging: -20 °C~55 °C				
Max. working altitude	2000 m				
Cooling method	Liquid-cooling				
Fire safety equipment	Aerosol				
Communication interface	Ethernet				
Communication protocol	Modbus TCP				
Certification	IEC62619, IEC63056, IEC62477, EN61000, UN38.3				

*Subject to actual delivery