

ProeM315 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 ≤ 3 °C
- Modular design supports parallel connection and easy system expansion



Wide Range of Applications

- All-in-one powerhouse, adaptable for commercial & industrial use, PV+storage, backup power, and micro-grids
- Powers all scenarios, effortlessly transitioning from grid-connected to off-grid operation

Product Model	ProeM315-209	ProeM315-262	ProeM315-314	ProeM315-366	ProeM315-419
Cell parameters					
Cell type	LFP				
Cell capacity	315 Ah				
PACK parameters					
Cell configuration	1P52S				
PACK rated voltage	166.4 V				
PACK energy	52.416 kWh				
Cabinet parameters					
System battery configuration	1P208S	1P260S	1P312S	1P364S	1P416S
PACK qty	4	5	6	7	8
Rated energy (BOL) at DC side	209 kWh	262 kWh	314 kWh	366 kWh	419 kWh
System output voltage range	582.4~738.4 Vdc	728.0~923.0 Vdc	873.6~1107.6 Vdc	1019.2~1292.2 Vdc	1164.8~1476.8 Vdc
Rate for charging and discharging	≤0.5P				
Dimensions (H*W*D)	2300 mm*1330 mm*1350 mm				
Weight	2160 kg	2500 kg	2840 kg	3180 kg	3520 kg
Level of protection	IP55				
Anti-corrosion grade	C4-M				
Operating ambient humidity	0%~95% (non-condensing)				
Operating ambient temperature	-20°C~55°C				
Max. working altitude	4000 m				
Cooling method	Liquid-cooling				
Fire safety configuration	Aerosol + combustible gas detection + ventilation + water extinguishing system				
Communication interface	LAN				
Communication protocol	Modbus TCP				
Certification	IEC62619, IEC63056, IEC62477, EN IEC61000, UL9540A, UL1973, UN38.3				

*Subject to actual delivery