

PowerMod

Liquid-cooling Energy Storage Container



Superb safety

- Triple fire protection measures guarantee early detection, accurate spraying, and rapid fire suppression throughout the entire process.
- Big data intelligent fire monitoring system features panoramic surveillance and fire risk warning; risks spotted in advance, and rapid response taken across the system.



High economic efficiency

- 314Ah/315Ah LFP cells with high energy density and prolonged cycle life realize a cost reduction per kWh of 30%.
- Perfectly sized for cost-effective and efficient operation; an ideal choice for small to medium projects.



Increasing flexibility

- 10-foot container for flexible transport and rapid deployment.
- Multiple capacity options with on-demand expansion for precise investment.

Product Model	PowerMod-1600	PowerMod-2000	PowerMod-2500
Cell parameters			
Cell type	LFP		
Cell capacity	314Ah/315Ah		
Pack parameters			
Cell configuration	1P104S		
Pack rated voltage	332.8V		
Pack rated energy	104.499kWh/104.832kWh		
Rack parameters			
Cell configuration	1P416S		
Pack quantity	4		
Rack rated energy	417.996kWh/419.328kWh		
System parameters			
Cell configuration	4P416S	5P416S	6P416S
Rated energy (BOL) at DC side	1671kWh	2089kWh	2507kWh
Voltage range	1164.8Vdc~1476.8Vdc		
Rate for charging and discharging	≤0.5P		
Dimensions (W*H*D)	3360mm * 2896mm * 2438mm		
Weight	17400kg	20110kg	22790kg
Level of protection	IP55		
Anti-corrosion grade	C4/C5		
Operating ambient humidity	0%~95% (non-condensing)		
Operating ambient temperature	-20°C~55°C		
Max. operating altitude	4000m		
Cooling method	Liquid-cooling		
Fire protection/safety features	Aerosol + combustible gas detection + ventilation + water extinguishing system		
Communication interface	LAN		
Communication protocol	Modbus TCP		
Certification	IEC62619, IEC63056, IEC62477, EN IEC61000, UL1973, UL9540A, UN38.3		