EPCS1250/1500-AS



Efficient and stable

- Integrated cabinet design with high protection
- With complete protection functions and strong anti-interference capability

Flexible deployment

- Integrated cabinet design makes operation more convenient
- Supports multi-unit parallel connection and scalable to MW level

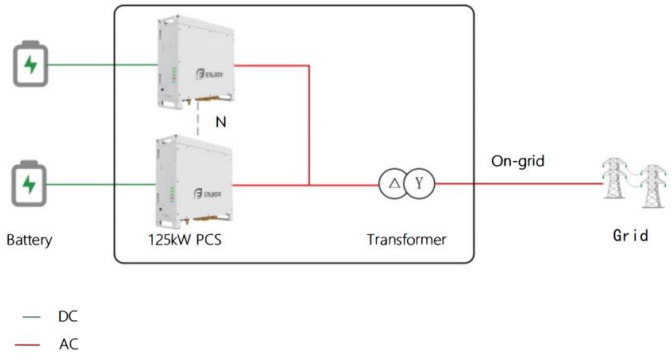
String management

- Cluster-level battery management, cluster-level battery optimization
- Longer system life, highly competitive levelized cost of energy (LCOE)

Grid friendly

- Support ms-level scheduling response, active network construction
- Support high and low voltage ride-through, proactively adapt to weak power grids

Typical Application



Technical Parameters

Specification	EPCS1250-AS-HS3M	EPCS1250-AS-HS3H	EPCS1500-ASH-HS3H
DC Side			
Max. Charging Power	1250kW	1250kW	1500kW
Max. Discharging Power	1250kW	1250kW	1500kW
Operating Voltage Range	1000V~1500V	1150V~1500V	1150V~1500V
Max. Current	245A *6		
AC Side			
Rated Voltage	690V	800V	800V
Voltage Range	-15% ~ +10%		
Wiring Method	Three-phase Three-wire		
Rated Power	1250kW	1250kW	1500kW
Max. Power	1375kW	1375kW	1650kW
Rated Current	180A*6	152A*6	180A*6
Max. Current	198A*6	167.2A*6	198A*6
Rated Frequency	50/60Hz		
Power Factor	0.99/-1～1		
Current Distortion Rate	<3% (@rated power)		
Overload Capacity	110% long term		
Max. Efficiency	99%		
Protection Characteristics			
Protection Functions	AC Over-current Protection, AC Over-voltage Protection, AC Short-circuit Protection, DC Surge Protection, DC Over-current Protection, DC Over-voltage Protection, Over-temperature Protection, etc.		
General Parameters			
Dimension (W × H × D)	1900*2250*850mm		
Weight	~ 1000kg	~ 1150kg	~ 1300kg
Altitude	4000m (derating above 3000m)		
Operating Temperature	-30℃ ~ 60℃ (derating above 50 ℃)		
Storage Temperature	-40℃ ~ 70℃		
Humidity	0%RH ~ 100%RH, Non-condensing		
Cooling Method	Intelligent Air Cooling		
IP Rating	IP55		
Communication	CAN / RS485 / Ethernet		
Communication Protocol	IEC61850, CAN2.0B, Modbus TCP/RTU		