

PWS1-215M-HV



Features

Flexible Configuration

- Modular design
- 150-215Kw per module to connect 480/600/690Vac grid

High Efficiency & Stability

- Maximum efficiency >98.8%
- Easy installation, reduction of maintenance costs

Extensive Use

- Support VSG & blackstart
- Off-grid parallel

Safety & Compatibility

- ms-level response time
- LVRT and HVRT function
- Global grid certified & listed

Specification

PWS1-215M-HV		
AC parameters		
Rated AC power	125kW	215kW
Wiring configuration	3P3W	
AC overload capability	137.5kW	237kW
Allowable grid voltage(V)	400(-15%~10%)	690(-15%~10%)
Allowable grid frequency(Hz)	50/60 (-5~+5)	
THDi	≤3% (rated power)	
Power factor (rated power)	0.99/-1~+1	
DC parameters		
Maximum DC power	125kW	237kW
DC voltage range	600V~1500V	1000V~1500V
Maximum DC current	237A	
Voltage regulation accuracy	≤±1%	
Current regulation accuracy	≤±1%	
System parameters		
Maximum conversion efficiency	98.8%	
Dimensions (W×H×D)	1000*740*175mm ³	
Weight	100kg	
Noise	< 75dB	
IP protection level	IP65	
Allowable ambient temperature	-20~60°C (derating when higher than 50°C)	
Cooling method	Air cooling	
Allowable relative humidity	0~95% (no condensation)	
Allowable altitude	3000m	
Communication parameters		
Communication port	RS 485, Ethernet, CAN	
Communication protocol	ModbusTCP/RTU, IEC104, IEC61850	
BMS access	Available	