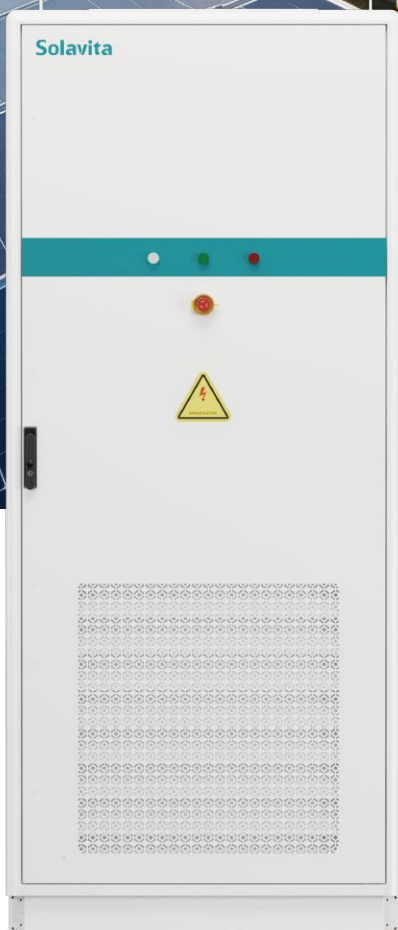


SWS- P100E215-HC

Smart-Energy Storage Outdoor Cabinet



MODEL

SWS-P100E215-HC



Three levels of active and passive safety management



ALL-IN-ONE modular design



3S integration



Intelligent operation management



BMS three-level management



Matching multi-scenario requirements

Model		SWS-P100E215-HC
DC Side		
Battery type		LFP 3.2V/280 Ah
Cell Configuration		240S1P
Battery Capacity (BOL) at DC side [kWh]		215
Nominal DC Voltage [V]		768
DC Voltage Range [V]		624~876

AC Side		
Nominal AC Power [kW]		100
Max.THD of Current		<3% (at nominal power)
DC current injection		<0.5% (at nominal power)
AC Connection		Three-Phase Four-Wire System
Nominal Grid Voltage [V]		400
Grid Voltage Range [V]		360 - 440
Power Factor		-1~+1
Nominal Grid Frequency [Hz]		50
Grid Frequency range [Hz]		45 - 55

Battery System		
Dimensions(W*H*D) [mm]		1030*2390*1300
Weight [t]		≤ 2.5
Max.Cycle Efficiency		92%
Protection Level		IP55
Anti-Corrosion Grade		C4/C5 (option)
Relative Humidity		0 %~95 % (no condensing)
Operation Temperature		-20 °C~55 °C (>45 °C derating)
Standard Altitude		≤2000m (>2000 derating)
Noise		<70 dB
Cooling Mode		Liquid cooling
Fire Protection		Pack & Cabinet NOVEC1230 + Water fire Interface
Communication Interface		LAN
Communication Protocol		MODBUS-TCP
Certification & Safety Standard		GB/T36276, GB/T34131, GB/T34120, GB/T34133