

# 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 Gird 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 ℃ ~55 ℃ ( > 45 ℃ 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	