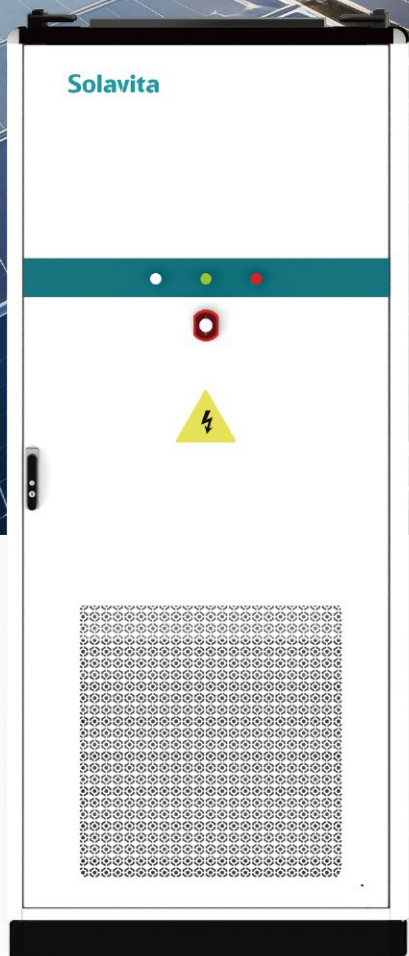


# Solavita

## SWS P100E215-HC

Smart-Energy Storage Outdoor Cabinet



**MODE**

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

**DC Side**

Battery type [Ah]	LFP 280
Battery PACK Configuration	43.008kWh/1P48S
Battery System Configuration	215kWh/1P240S
Battery Voltage Range [V]	624-876

**PCS Side**

Rated Output Power[kW]	100
THDi	< 3%
DC Component [ $I_{pn}$ ]	< 0.5%
Rated Grid Voltage [V]	380
Grid Voltage Range[V]	360-440
Power Factors [ $\cos \phi$ ]	-1...+1
Rated Grid Frequency [Hz]	50
Grid Frequency range [Hz]	50/60

**System Parameters**

Max. System Efficiency	$\geq 88\%$
Charge/Discharge Ratio	$\leq 0.5C$
Cycle life	$> 6000@80\%$ , 25°C
Switch Time [ms]	< 100
Communication Interface	LAN
IP Protection	IP55(For outdoor use)
Anti-corrosion	C4
Cooling Concept	Liquid cooling
Operation Temperature [°C]	-20~55°C, >45°C derating
Operating humidity	5~95%RH, No condensation
Noise [db]	< 70
Altitudes [m]	if > 2000, Power Reduction Needed
Dimensions (W*H*D) [mm]	1030*2390*1300
Weight [kg]	2500
Fire Protection Systems	Pack Aerosol+Sevoflurane/Perflurohexanone+Water
Safety Regulation	GB/T36276、GB/T34131、GB/T34120、GB/T34133