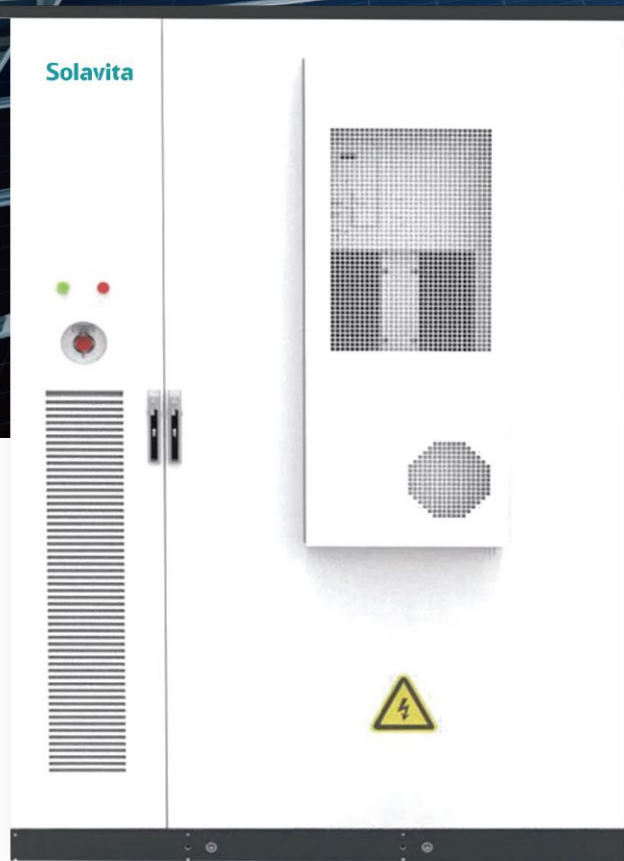


# Solavita

# SWS P100E215-AC

Smart-Energy Storage Outdoor Cabinet



**MODEL**

SWS-P100E215-AC



Supports multi-stage parallel connection



Built-in EMS function for improved energy efficiency management



ALL-IN-ONE modular design



Adoption of intelligent temperature control technology

Model		SWS-P100E215-AC
<b>DC Side</b>		
Battery Type [Ah]		LFP 280
Battery PACK Configuration		14.336kWh / 1P16S
Battery System Configuration		215kWh / 1P240S
Battery Voltage Range [V]		636-876
Rated Voltage [V]		768
Charge/Discharge Ratio		≤0.5C
Cycle Life		≥6000@80%,25°C
Recommended Depth of Discharge		0-95%DoD
Battery Cooling Concept		Forced Air-cooling

<b>AC side</b>		
Rated Output Power [kW]		100
Max. Output Power [kW]		110
THDi		< 3%
DC Component [I <sub>pn</sub> ]		< 0.5%
Rated Grid Voltage [V]		380
Grid Voltage Range [V]		320-460
Power Factors [cos φ]		0.98(leading)~0.98(lagging)
Rated Grid Frequency [Hz]		50/60

<b>System Parameters</b>		
Max. System Efficiency		≥88%
System Voltage Format		TN380
Charge/Discharge Switch Time [ms]		<100
Communication Port		CAN/LAN/RS485/I-O
IP Protection		IP55(For outdoor use)
Cooling Concept		Air conditioning
Operation Temperature [°C]		-20~55
Relative Humidity		5-95%RH, Non-condensing
Noise [db]		<70
Altitudes [m]		if > 2000, Power Reduction Needed
Dimensions (W*H*D) [mm]		1600*2336*1280
Weight [kg]		2500
Fire Protection Systems		Pack Aerosol+Sevoflurane/Perflurohexanone+Water