



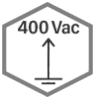
AC-DC All in one design



String ESS Design



400 Vac Output



IP 54 Container



SolNeos ESS Power Cube

SN ESS Power Cube 750kW / 1440kWh

SN ESS Power Cube 875kW / 1680kWh

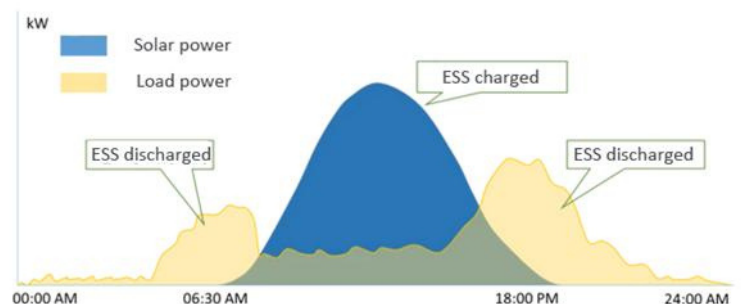
SN ESS Power Cube 1000kW / 1929kWh

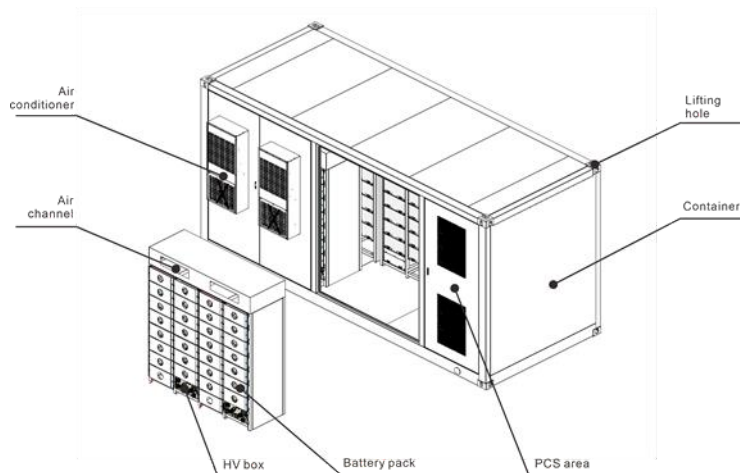
Energy Shifting: Optimizing Solar Energy Use with Storage



Energy Shifting

Storing solar energy in a battery for later use helps optimize the efficiency of solar power.





Contents		SN ESS Power Cube Series Technical Data		
Product Type		SN PC 750kW/1440kWh	SN PC 875kW/1680kWh	SN PC 1000kW/1929kWh
Battery	System Energy*	1446kWh	1688.0kWh	1929kWh
	Working Temp. Range	Charge: 0~55°C; Discharge: -20~55°C		
AC (On Grid)	Nominal Output Power	750kW	875kW	1000kW
	Nominal Output Voltage	400V	400V	400V
	Nominal Output Current	1087A	1268.1A	1449.2A
	Output Voltage Range	±15%	±15%	±15%
	Fr equency	50Hz: 45~55Hz; 60Hz: 55~65Hz		
	Power Factor	>0.99 / 0.8 leading ~ 0.8 lagging		
	THDi	<2% (@ nominal power)		
	Terminal Connection	3P3L/ 3P4L		
AC (Off Grid)	Nominal Output Voltage	400V	400V	400V
	Nominal Output Power	750kW	875kW	1000kW
	Nominal Output Current	1087A	1268.1A	1449.3A
	Max. ApperatePower	825kVA	962.5kVA	1100KVA
	Output Voltage Range	±15%		
	Fr equency	50Hz: 45~55Hz; 60Hz: 55~65Hz		
	Power Factor	>0.99/ 0.8 leading ~ 0.8 lagging		
	THDv	<3% (@ nominal power)		
	Switch Time	≤20ms (with configedSTS); 2min without STS		
	Terminal Connection	3P3L/ 3P4L		
General Message	Dimension (W*H*D)		6058*2902*2438 mm	
	Weight		~26t	~28t ~30t
	IP Rating Environment		IP54	
	Class		C4-H (optional)	
	Working Temp. Range		-30~65°C(>45°Cpower derating)	
	Relative Humidity Range		5~95%RH, no condensed water	
	Altitude Limited		4000m (> 2000m power derating)	
	Cooling Method		Intelligent fan cooling, standard noise 40 dB, max. 70 dB	
	Protection Measurements		Smoke & VOC detector, Aerosol, Pressure release fan CAN, RS	
	Communication		485, Ethernet	
	Regulation	Battery	UN38.3, IEC 62619, IEC 61000, etc.	
		Container	IEC 62109-1, EN 50549-1, VDE 4105, VDE 4110, etc.	