



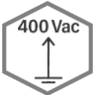
AC-DC All in one design



String ESS Design



400 Vac Output



IP 54 Container



SolNeos ESS Power Box

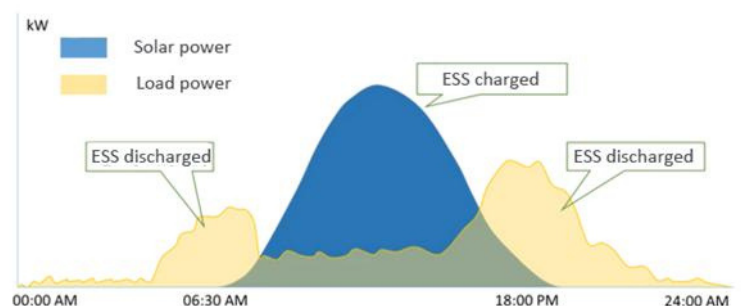
SN BESS Power Box 100kW/ 215kw
SN BESS Power Box 125kW / 255kWh

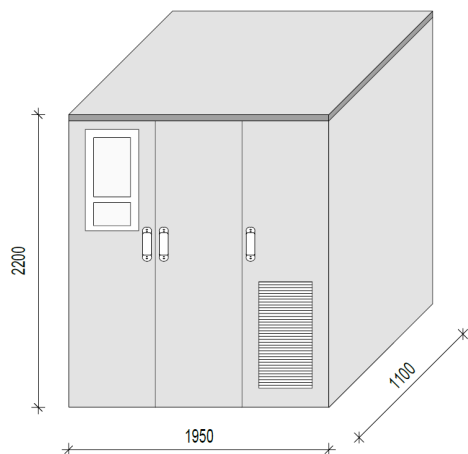


Energy Shifting

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

Energy Shifting: Optimizing Solar Energy Use with Storage





Contents	SN ESS Power Box Series Technical Data	
Product type	SN BESS Power Box 100kW/ 215kWh	SN BESS Power Box 125kW / 255kWh
Nominal energy	215.0kWh	257.0kWh
Nominal output power	100kW	125kW
Max. output apparent power	110kVA	137.5kVA
Output voltage	400V	400V
Output current	152A	190A
Cell type	LFP	LFP
Recommended DOD	95%	95%
Frequency	50/60Hz	50/60Hz
Weight	Appro. 2.2t	Appro. 2.65t
Power factor	-1/0.8 leading - 0.8 lagging	
Wire connect	3P3L,3P4L	
Dimension (W*H*D)	1950*2200*1100 mm	
IP rating	IP54	
Working Temp. range	-30-65°C (>45°C power derating)	
Environment class	C4-H (optional)	
Communication	CAN, RS 485, Ethernet, etc.	
Relative humidity	<95%RH (no condensed water)	
Altitude limited	2000m	
Cooling Method	Intelligent fan cooling (maintenance barely needed)	