

SP-eBank-F2 Series 30~50kW/30~60kWh

C&I Hybrid Inverter + Battery Cabinet



Unique modular design & flexible function configuration



With self-use, peak shifting, forced charging & discharging and other working modes



Easy to install and deploy with large space utilization



Strong scalability, simple & convenient expansion on both AC and DC sides

- Flexible Design & Use
- Convenient Installation & Operation
- Energy Independence
- Smart Management

Battery parameters

	SP-eBank-30F2	SP-eBank-50F2	SP-eBank-60F2
Number of battery packs	6	10	12
Rated voltage	307V	512V	614V
Voltage range	288~346	480~584	480~700.8
Rated energy	30kWh	51.2kWh	61.4kWh
Max. continuous discharging current		100A	
Discharge depth		90%	
Cycle life		6000 times	

PV parameters

Max PV input power	39/65kW
Rated input voltage	600VDC
Max input voltage	1000VDC
MPPT voltage range	135-900VDC
MPPT Max. Input Current	40A x 3 / 40A x 4

AC side parameters

AC rated input/output power	30/50kW
AC Max. input/output power	33/55kVA
Overload capacity	110% continuous load; 130% short-term overload (85s duration)
Maximum efficiency	97.6%
Rated AC voltage	3L/N/PE, 220/380 V, 230/400 V
Frequency	50/60Hz
THDi	<3% (Rated Power)
Power factor (Adjustable)	0.8 leading ... 0.8 lagging

System parameters

Dimension (W*D*H)	680*900*2090mm
Weight	479~854kg
Communication	CAN/RS485/WiFi/ETH
Design Life	5/10 years+
Expansion	Support in parallel
Enclosure protection rating	IP54
Cooling	Air cooling
Environment temperature	-20~55 °C
Humidity	10%~95%RH
Altitude	<2000m

1.The pictures are for reference only, Please refer to the order for actual product images