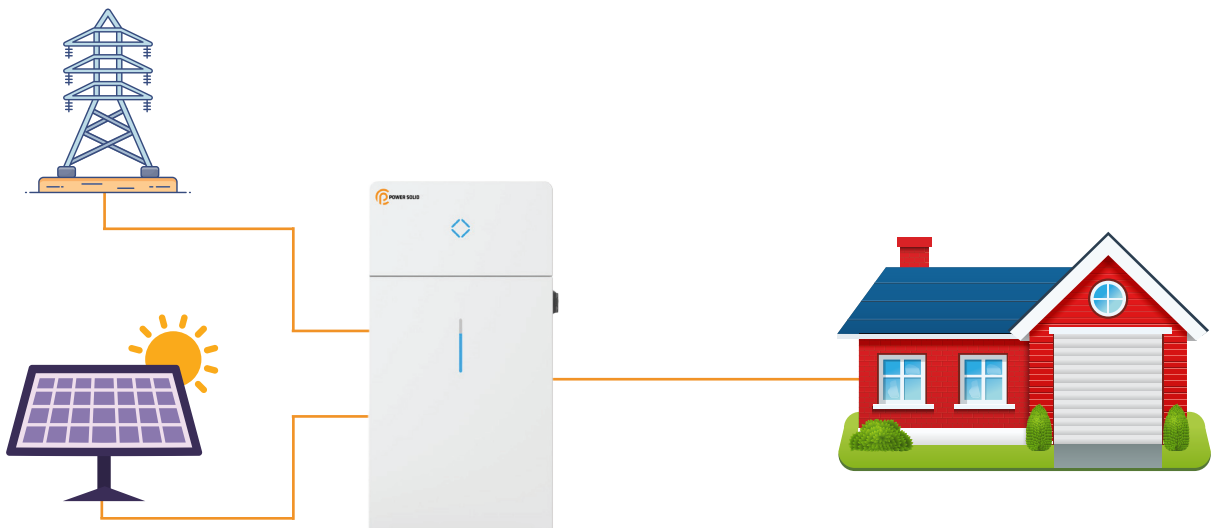
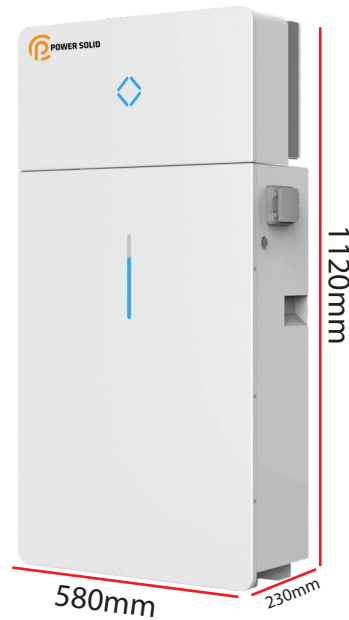


PSSi5000W#580VK

Features:

- >> Cloud Control Compatible
- >> Better PV utilization
- >> Faster charging
- >> More flexible application
- >> Higher battery efficiency
- >> Easy installation
- >> Easy capacity expansion
- >> Intelligent monitoring
- >> Smart power grids



Technical Specifications

Inverter Specification	
Model	PSSi5000W#580VK
PV Parameters	
Max. PV input power	7500W
Max. PV input voltage	580Vdc
MPPT voltage range	100Vdc~ 550Vdc
Max input current	15Adc×2
Input	
Rated output power	5000W
Rated input power	10000W
Rated output voltage	220/230/240Vac
Grid frequency range	50Hz/60Hz
Rated output current	21.7A
Rated input current	43.4A
Power factor	>0.99
Max Efficiency	97.70%
Europe Efficiency	97.10%
THDi	<3%
Output	
Rated output voltage	220/230/240Vac
Output frequency	50(60) Hz
Output power	5000W
Transfer time	<10ms
Voltage harmonic	<2% (linear load)
Battery	
Rated charging voltage	85Vdc~450Vdc
Max charging power	5000W
Max charging current	32A (settable)
Max discharging power	7500W
Physical	
Cooling type	Natural cooling
IP grade	IP65
Noise	<25dB
Display	LED/APP
Relative humidity	0 ~ 100%, non-condensation
Operating temperature range	-25°C~ +60°C
Altitude	3000m
On-grid standard	VDE0126-1-1, VDE-AR-N4105, AS4777.2/.3, CEI 0-21
Safety	IEC62109-1, IEC62109-2, AS62040-1-1
EMC	EN61000-6-3, EN61000-6-2
Communication	RS485, WIFI, Meter
Accessories	Meter
Dimensions (W×H×D)	580×1120×230 mm
Battery Specifications	
Model	PS-PSLB8.2K
Battery type	LiFePO4
Battery capacity	8.2kWh
Scalable capacity range	8.2~32.8kWh (95%DoD)
Voltage range	240-288V
Operating temperature range	-10°C~50°C*
Cycles	10000**