

Split-Phase Hybrid Inverter

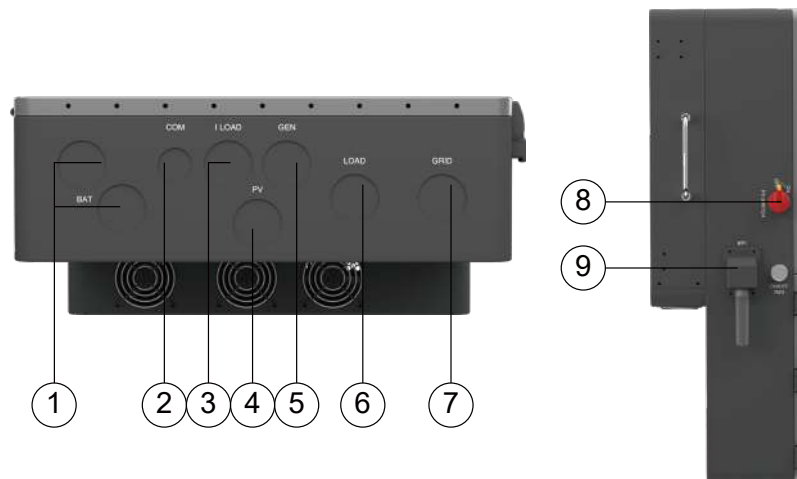
WSL-8K-15K-SPUS Residential Use

120Va.c./240Va.c.(Split Phase),208Va.c.(2/3Phase)



- Easy to install
- Remote monitoring via APP or Web
- IP65, long lifespan
- A variety of intelligent working modes
- Support BMS communication
- 3.5-inch touch screen

- 1.BAT
- 2.COM1
- 3.I LOAD
- 4.PV
- 5.GEN
- 6.LOAD
- 7.GRID
- 8.PV SWITCH
- 9.WIFI



Application scenario



TECHNICAL SPECIFICATION

Model	WSL-8K-SPUS	WSL-10K-SPUS	WSL-12K-SPUS	WSL-15K-SPUS
INVERTER INPUT/OUTPUT(GRID)				
Rated Power	8 kW	10 kW	12 kW	15 kW
Rated Voltage	120Va.c./240Va.c. (Split Phase),208Va.c. (2/3Phase)			
Rated Frequency	50 Hz/60 Hz			
Power Factor Range	0.8 leading~0.8lagging			
Switch Time	<10 ms			
Current(Maximum Continuous)	33.4Aa.c.	41.7Aa.c	50Aa.c.	62.5Aa.c.
Max.Output Overcurrent Protection	250Va.c/125Aa.c			
BATTERY				
Battery Type	Lithium/Lead-acid			
Battery Voltage Range	40~60 Vd.c.			
Rated Battery Voltage	51.2Vd.c.			
Max.Charge Current	167 Ad.c.	210 Ad.c.	250 Ad.c.	270 Ad.c.
Max.Discharge Current	167Ad.c.	210 Ad.c.	250 Ad.c.	270 Ad.c.
Reverse Connect Protection	Yes			
PV INPUT				
No.of MPPT Tracker/Strings	2/2+2	3/2+2+2	3/2+2+2	3/2+2+2
Max.PVArray Power	12 kW	15kW	18 kW	22.5kW
Max.DC Voltage	525Vd.c.			
MPPT Voltage Range	120~500Vd.c.			195~500Vd.c.
Start-up Voltage	100 Vd.c.			
Max.Input Current	26+26+26Ad.c.			
Isc PV(Absolute Maximum)	39Ad.c.			
ACOUTPUT (EPS)				
EPS Rated Output Voltage	120Va.c./240Va.c. (Split Phase),208Va.c. (2/3Phase)			
EPS Rated Output Frequency	50 Hz/60 Hz			
EPS Rated Output Active Power	8kw	10 kW	12 kW	15 kW
EPS Rated Output Apparent Power	8 kVA	10 kVA	12 kVA	15 kVA
EPS Rated Output Current	33.4Aa.c.	41.7Aa.c.	50Aa.c.	62.5Aa.c.
Overload Capacity(Off Grid)	200%10s			
EFFICIENCY				
MPPT Efficiency	99.50%			
California-efficiency	96.50%			
Max.Efficiency	97.50%			
PROTECTION&FEATURE				
Insulation Monitoring	Yes			
Residual Current Monitoring	Yes			
Parallel Function	Yes			
Protection Degree	IP65			
Certifications	IEEE1547,CA RULE21,HECO SRD V2.0,UL1741,UL1741 SA/SB,CSA C22.2,UL1699B.			
Other Protection	Overload,Over temperature,Short circuit,Anti-islanding			
GENERAL PARAMETER				
Storage Temperature	-25 ~+60 (-13°F~+140°F)			
Operating Temperature	-25 ~+60 (-13°F~+140°F),>+45 (+113°F)Derating to 60%			
Humidity	0~95%(Non-condensing)			
Operating Altitude	4000m(>2000m Derating)			
Noise	<45dB			
Machine Dimensions(W*H*D)	466*756*242 mm(18.35*29.76*9.35 in)			
Machine Weight/N.W.	45kg(99.21lbs)			
DISPLAY&COMMUNICATION				
Display	LED+APP			
Interface	RS485/WiFi/CAN (Optional:Bluetooth/LAN/4G/Meter)			

*The data in this table is for reference only, and is subject to actual delivery.