

Split Phase 120V/240V Energy Storage Hybrid Inverter (Low Battery Voltage)

Product features:

Safe & reliable

- Complete functional protection measures;

Friendly & flexible

- LCD or touch panel are optional;
- Support diesel generator connection;
- Support the parallel function;
- 4 MPPT trackers;

Intelligent & efficient

- Max.charging/discharging current up to 250A;
- Multiple working modes are optional;
- Support WIFI,GPRS,4G,APP;



Technical specification:

Technical specification	J8KLP
Input (PV)	
Max. power(kW)	12
Max. DC voltage (V)	500
MPPT voltage range(V)	120~500
Max.input current of single MPPT(A)	12
MAX. short circuit current(A)	15
AC output	
Rated output power(kVA)	8
Max. output power(kVA)	8.8
Max. output current(A)	38.3
Ac output voltage(V)	120/240(split phase), 208(2/3 phase),230 (single phase)
Frequency(Hz)	50/60 (45 ~ 55, 55 ~ 65)
PF	0.8lagging-0.8leading
THDi	< 2%
Battery	
Nominal voltage (V)	48
Battery voltage range(V)	40~60
Max. charge/discharge current(A)	190/190
Battery type	lithium /Lead-acid
Charging strategy for Li-Ion battery	Self-adaption to BMS
EPS output	
Rated power(kVA)	8
Rated output voltage(V)	120/240 (split phase), 208 (2/3 phase),230 (single phase)
Rated frequency(Hz)	50/60
THDu	< 2%
Protection	
Grounding detection	YES
Arc fault protection	optional
Island protection	YES
Battery reverse polarity	YES
Insulation resistor detection	YES
Residual current monitoring unit	YES
Output over current protection	YES
Back-up output short protection	YES
Terminal temperature detection	YES
Output over voltage/under voltage protection	YES
General data	
Europe efficiency (PV)	≥97.8%
MAX. battery to load efficiency	≥97.2%
Ingress protection	IP65
Noise emission(dB)	<38
Operation temperature	-25°C ~ 60°C
Cooling	FAN Cooling
Relative humidity	0 ~95% (non-condensing)
Altitude	2,000m (>2,000 Derating)
Dimensions W *D *H (mm)	430*220*710
Weight(kg)	41
Display	LCD, Touch panel (optinal)
Communication with BMS/meter/EMS	RS485, CAN
Communication interface	RS485, WLAN, 4G (optional)
Self-consumption at night	< 2.5 W (with battery enabling < 5 W)
Certificates	IEEE1547, CPUC Rule21, SRD V2.0, UL1741 SA, UL1741 SB