

HYBRID SOLAR CHARGER INVERTER

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SPI-8K-UP / SPI10K-UP





HYBRID SOLAR INVERTER

Efficient

- Dual MPPT with up to 99.9% efficiency
- Up to 22A PV input current perfect for high power pv modules

User-Friendly

- Industrial design with a modern aesthetic look
- Easy to install and simple to use

Scalable

- Up to 6pcs in parallel
- Both split phase and three phase parallel option

Reliable

- Output high quality pure sine ware AC power
- 8-10kW load power to meet the needs of most house

All-in-one

- Solar Charger Controller up to 200A charging current
- Support for Li-ion Battery BMS communication

Intelligent

- Exclusive Li-ion Battery BMS dual activation
- Wifi Monitoring for online checking system status

Higon Solar Co., Ltd (China)



Specification

INVERTER OUTPUT Acted Acted Rated Output Power 8.000W 10,000W Max. Pek Power 16.000W 20,000W Rated Output Voltage 120Vac(single phase L+1+2+N+PE) Load Capacity of Motors 5HP 6HP Rated AC Frequency 5HP 6HP Switch Time 016 (try-ical) Farester Waveform Pure Sin= Ware Switch Time Switch Time 010 (try-ical) Farester Battery Type Licin / Lead-Acid / User Defined State Rated Battery Voltage 40-60V/c State Max. Min/Seerator Charging Current 100A 120A Max. Min/Seerator Charging Current 100A 120A Max. Min/Seerator Charging Current 180A 200A Max. Min/Seerator Charging Current 120A State Max. Main/Seerator Charging Current 120A State Max. Main/Seerator Charging Current 120A State Max. Main/Seerator Charging Current 120A State Maxi Generator Charging Current 120A </th <th>ODEL</th> <th>SPI-8K-UP</th> <th>SPI-10K-UP</th> <th>CAN SET</th>	ODEL	SPI-8K-UP	SPI-10K-UP	CAN SET
Rated Output Power8,000W10,000WMax. Peak Power16,000W22,000WRated Output Voltage120Vac(single phase L+N+PE) / 240Vac(split phase L1-2+N+PE)Lead Capacity of Motors5HP6HPRated AC Frequency50/60HzWaveformPure Sine WareSwitch TimeDis (typical)Parallel CapacityUp to 6 piecesOutput ModeOff-grid (default) / HybridBATERYSattery VoltageBattery TypeL1-ion / Lead-Acid / User DefinedReted Battry Voltage48-40-Wax MPPT Charging Current100A120AMax. MPPT Charging Current100A120AMax. Mins/Generator Charging Current100A120AMax. Myoir Charging Current100A200APVINPUTVariage2Num of MPP Trackers2Max/Voltage Range126-425/VdcMax/Voltage Range90-140/VacFrequency Range90-140/VacFrequency Range90-140/VacFrequency Range90-140/VacPPT Toolking Efficiency99.9%Max. Battery Inverter Efficiency99.9% <t< td=""><td>VERTER OUTPUT</td><td></td><td></td><td>SET</td></t<>	VERTER OUTPUT			SET
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Sarety IEC02109-1, IEC02109-2, UL1/41			C62100 2 111 1741	
		EN61000-6-1. EN61000-6-3, FCC 15 Class B		
		EN61000-6-1. EN61000-6-3, FCC 15 Class B Yes		