



TXIP5

5kW

Solar storage inverter

Efficiency

- Advanced MPPT technology with up to 99.9% efficiency.
- Up to 22A PV input current for high power PV module.

Safety

- 360 degrees of security from hardware to software.
- IEC safety approvals.

All in one

- Up to 100A hybrid charging current.

Reliable


- Outputs high quality pure sine wave AC power.
- Up to 6 units in parallel connection.

User-Friendly

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

Intelligent

- Exclusive LifePO4 battery BMS dual activation.
- Time-slot function to save cost with peak-valley.



Telecom



Farm




House



Countryside



Island



Pasture

Application scenarios

www.temax-solar.com

MODEL	TXIP5	CAN BE SET
INVERTER OUTPUT		
Rated Output Power	5,000W	
Max.Peak Power	10,000VA	
Rated Output Voltage	230Vac （L/N/PE single-phase）	✓
Load Capacity of Motors	4HP	
Rated AC Frequency	50/60Hz	✓
Waveform	Pure sine wave	
Switch Time	10ms （typical）	
Parallel Capacity	1-6 units （single/three phase）	
BATTERY		
Battery Type	Li-ion / Lead-acid / User-define	✓
Rated Battery Voltage	48Vdc	
Voltage Range	40～60Vdc	✓
Max.MPPT Charging Current	100A	✓
Max.Mains/Generator Charging Current	60A	✓
Max.Hybrid Charging Current	100A	✓
PV INPUT		
Num. of MPPT	1	
Max.PV array power	5,500W	
Max.input current	22A	
Max.Voltage of Open Circuit	500Vdc	
MPPT Voltage Range	120～450Vdc	
MAINS / GENERATOR INPUT		
Input Voltage Range	90～280Vac	✓
Frequency Range	50/60Hz	
Bypass Overload Current	40A	
EFFICIENCY		
MPPT Tracking Efficiency	99.9%	
Max. Battery Inverter Efficiency	92%	
GENERAL		
Dimensions	446.9*350*133mm (1.47*1.15*0.44ft)	
Weight	13kg (28.66lb)	
Protection Degree	IP20, indoor only	
Operating Temperature Range	-10~55℃	
Noise	≤60dB	
Cooling Method	Forced air cooling with adjustable air speed	
Warranty	2 Years	
COMMUNICATION		
Embedded Interfaces	RS485 / USB / Dry contact	✓
External Modules （Optional）	Wi-Fi/GPRS	✓
CERTIFICATION		
Safety	CE （IEC62109-1/2）	
EMC	EN61000	
RoHS	Yes	