



10kw



TXSP10

Solar storage inverter

- Efficiency**
 - Advanced MPPT technology with up to 99.9% efficiency.
 - 2 MPPT up to 22A + 22A PV input current.
- Safety**
 - Comprehensive security from hardware to software.
 - IEC & multiple safety approvals.
- All in one**
 - Up to 200A hybrid charging current.
 - Supports mutiple BMS communication protocols.
- Reliable**
 - Outputs high-quality pure sine wave AC power.
 - IP20 protection degree.
- 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

MODELS	TXSP10	Can Be Set
INVERTER OUTPUT		
Rated Output Power	10,000W	
Max. Peak Power	20,000W	
Rated Output Voltage	230Vac, single-phase / three-phase, be paralleled	✓
Load Capacity of Motors	6HP	
Rated AC Frequency	50/60Hz	✓
Waveform	Pure Sine Wave	
Switch Time	10ms (typical)	
Parallel Capacity	1~6 units	
Output Mode	Off-grid (default) / Hybrid	✓
BATTERY		
Battery Type	Lead-acid / LifePO4 / User Defined	✓
Rated Battery Voltage	48Vdc	
Voltage Range	40~60Vdc	✓
Max. MPPT Charging Current	200A	✓
Max. Mains/Generator Charging Current	120A	✓
Max. Hybrid Charging Current	200A	✓
PV INPUT		
Num. of MPPT	2	
Max. PV Array Power	5,500W + 5,500W	
Max. Input Current	22A + 22A	
Max. Voltage of Open Circuit	500Vdc + 500Vdc	
MPPT Voltage Range	125~425Vdc	
MAINS / GENERATOR INPUT		
Input Voltage Range	90~275Vac	
Frequency Range	50/60Hz	
Bypass Overload Current	63A	
EFFICIENCY		
MPPT Tracking Efficiency	99.9%	
Max. Battery Inverter Efficiency	92%	
GENERAL		
Dimensions	620*445*130mm	
Weight	27kg	
Protection Degree	IP20, Indoor Only	
Operating Temperature Range	-10~55°C, >45°C derated	
Noise	<60dB	
Cooling Method	Internal Fan	
Warranty	18 Months	
COMMUNICATION		
Embedded Interfaces	RS485 / CAN / USB / Dry contact	✓
External Modules (Optional)	Wi-Fi / GPRS	✓
CERTIFICATION		
Safety	IEC62109-1, IEC62109-2	
EMC	EN61000-6-1, EN61000-6-3, FCC 15 class B	
RoHS	Yes	