



# 12kw TXSP12-3P

## Solar storage inverter

### Intelligent

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

### 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 260A hybrid charging current.
- Supports mutiple BMS communication protocols.

### Reliable

- Outputs high-quality pure sine wave 3-Phase AC power.
- IP65 protection degree.

### User-Friendly

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



Application scenarios

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MODEL	TXSP12-3P	Can Be Set
INVERTER OUTPUT		
Rated Output Power	12,000W	
Max. Peak Power	24,000W	
Rated Output Voltage	230/400Vac, three-phase	✓
Capacity of Motor Load	6HP	
Rated Frequency	50/60Hz	✓
Output Waveform	pure sine wave	
Switching Time	10ms (typical)	
BATTERY		
Battery Types	Lead-acid / LifePO4 / User Defined	✓
Rated Battery Voltage	48Vdc	
Voltage Range	40~60Vdc	✓
Max. PV Charging Current	260A	✓
Max. Utility / Generator Charging Current	120A	✓
Max. Hybrid Charging Current	260A	✓
PV INPUT		
No. of MPPT	2	
Max. Input Power	9,000W/9,000W	
Max. Input Current	22A/22A	
Max. Open-circuit Voltage	800Vdc/800Vdc	
MPPT Operating Voltage Range	200~650Vdc/200~650Vdc	
UTILITY / GENERATOR INPUT		
Input Voltage Range	phase voltage 170-280V, line voltage 305-485V	
Input Frequency Range	50/60Hz	
Bypass Overload Current	63A	
EFFICIENCY		
MPPT Tracking Efficiency	99.9%	
Max. Battery Inverter Efficiency	≥92%	
European Efficiency	97.5%	
GENERAL		
Dimensions	620*445*130mm	
Weight	27kg	
Protection Degree	IP20, indoor only	
Ambient Temp	-10~55°C, >45°C derated	
Noise	<60dB	
Cooling Method	air cooling	
Warranty	18 months	
COMMUNICATION		
Internal Interface	RS485 / CAN / USB / Dry contact	✓
External Module (optional)	Wi-Fi / GPRS	✓
CERTIFICATION		
Safety	IEC62109-1, IEC62109-2	
EMC	EN61000-6-1,EN61000-6-3,FCC15 classB	
RoHS	Yes	