



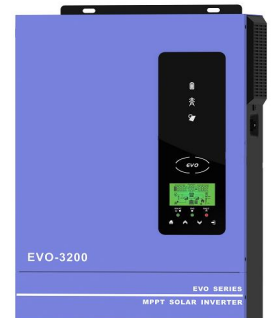
Anern Industry Group Limited

F5, Building B, No.2817 Kaichuang Avenue, Science Zone, Huangpu District, Guangzhou, China
Contact: Jackie Tel: +86 18824277535 Email: a86@anern.com Website: www.anern.com

Specification & Price List for Hybrid Inverter with inbuilt MPPT Controller (SCI-EVO-2000 & 3200 series)

Key Features:

- ◆ Pure Sine Wave Solar Hybrid Inverter;
- ◆ Output Power Factor 1.0
- ◆ Built-in MPPT solar controller, max charge current 80A;
- ◆ Max 2000W & 3000W solar input power respectively;
- ◆ Wide PV input voltage range (30-400VDC), lowest voltage only
- ◆ Built-in anti-dusk kit for harsh environment;
- ◆ Smart battery charge design to maximize battery lifespan;
- ◆ Compatible with lithium battery;
- ◆ WIFI available for IOS and Android systems.



| Model | SCI-EVO-2000 | SCI-EVO-3200 |
|--|---|--------------|
| RATED POWER | 2000VA/1600W | 3200VA/3000W |
| AC INPUT | | |
| AC Input Voltage | 230VAC | |
| Selectable Voltage Range | 170-280 VAC (For Personal Computers) | |
| | 90-280 VAC (For Home Appliances) | |
| Frequency Range | 50 Hz/60 Hz (Auto sensing) | |
| AC OUTPUT | | |
| AC Voltage Regulation (Batt. Mode) | 230VAC \pm 5% | |
| Surge Power | 4000VA | 6400VA |
| Efficiency (Peak) PV to Inverter | 98% | |
| Efficiency (Peak) Battery to Inverter | 94% | |
| Transfer Time | 10 ms (For Personal Computers); 20 ms (For Home Appliances) | |
| Waveform | Pure sine wave | |
| BATTERY & AC CHARGER | | |
| Battery Voltage | 12VDC | 24VDC |
| Floating Charge Voltage | 13.5VDC | 27VDC |
| Overcharge Protection | 16VDC | 33VDC |
| Maximum AC Charge Current | 60A | |
| SOLAR CHARGER | | |
| Maximum PV Array Power | 2000W | 3000W |
| MPPT Range @ Operating Voltage | 30-400VDC | |
| Maximum PV Array Open Circuit Voltage | 400VDC | |
| Maximum Charging Current | 80A | |

| PHYSICAL | | |
|----------------------------------|---|---------------|
| Dimension, D x W x H (mm) | 360*270*100mm | 390*270*100mm |
| Net Weight (kg) | 4.4 | 5.4 |
| INTERFACE | | |
| Communication interface | WIFI | |
| OPERATING ENVIRONMENT | | |
| Humidity | 5% to 95% Relative Humidity(Non-condensing) | |
| Operating Temperature | -10°C - 50°C | |
| Storage Temperature | -15°C - 60°C | |
| Warranty | 2 Years | |