

ZSMAX6.2K



- Pure sine wave solar inverter (On/off Grid)
- High PV input voltage range (60~500VDC)
- WIFI & GPRS available for IOS and Android
- Inverter can run without battery
- One-key restoration to factory Settings
- Built-in Lithium battery automatic activation
- Built-in 120A MPPT Solar charge MAX 6500W
- Dual output

TECHNICAL DATA

| MODEL NAME | ZSMAX6.2K |
|-------------------------------------------------|---------------------------------|
| Maximum PV Input Power | 6500W |
| Rated Output Power | 6200W |
| Maximum Solar Charging Current | 120A |
| Grid-Tie Operation | |
| PV Input (DC) | |
| Nominal DC Voltage / Maximum DC Voltage | 360VDC / 500VDC |
| Start-up Voltage / Initial Feeding Voltage | 60VDC / 90VDC |
| Maximum DC Voltage | 60-450VDC |
| Number of MPPT Trackers / Maximum Input Current | 1/23A |
| Grid Output (AC) | |
| Nominal Output Voltage | 220/230/240VAC |
| Output Voltage Range | 195.5-253VAC |
| Nominal Output Current | 27.0A |
| Power Factor | >0.99 |
| Feed-in Grid Frequency Range | 49-51± Hz |
| Efficiency | |
| Maximum Conversion Efficiency (Solar to AC) | 98% |
| Two Load Output Power (V2.0) | |
| Full Load | 6200W |
| Maximum Main Load | 6200W |
| Maximum Second Load (battery mode) | 2066W |
| Main Load Cut Off Voltage | 44VDC |
| Main Load Return Voltage | 52VDC |
| Off-Grid Operation | |
| AC Input | |
| AC Start-up Voltage / Auto Restart Voltage | 120-140VAC / 180VAC |
| Acceptable Input Voltage Range | 90-280VAC or 170-280VAC |
| Maximum AC Input Current | 40A |
| Nominal operating frequency | 50 / 60Hz |
| Surge power | 12400VA |
| Battery Mode Output (AC) | |
| Nominal Output Voltage | 220/230/240VAC |
| Output Waveform | Pure sine wave |
| Efficiency (DC to AC) | 94% |
| Battery & Charger | |
| Nominal DC Voltage | 48VDC |
| Maximum Charging Current (Solar to AC) | 120A |
| Maximum AC Charging Current | 100A |
| General | |
| Physical | |
| Dimension D*W*H (mm) | 420*310*110 |
| Net Weight (kgs) | 9.8 |
| Interface | |
| Communication Port | RS232/Wifi/GPRS/Lithium Battery |
| Environment | |
| Operating Temperature | -10~50°C |