

ZSMAX4.2K



- 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	ZSMAX4.2K
Maximum PV Input Power	6500W
Rated Output Power	4200W
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	18.2A
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	4200W
Maximum Main Load	4200W
Maximum Second Load (battery mode)	1400W
Main Load Cut Off Voltage	22VDC
Main Load Return Voltage	26VDC
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	30A
Nominal operating frequency	50 / 60Hz
Surge power	8400VA
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	24VDC
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
Interface	
Communication Port	RS232/Wifi/GPRS/Lithium Battery
Environment	
Operating Temperature	-10~50°C