

# ANISUN

# META X6.2 DUAL

## PV 8000 SOLAR INVERTER



Battery less  
Operation



BMS  
Compatible



Built in  
Wi-fi Dongle



Dual  
Output



Support  
Multiple  
Parallel



Grid  
Feed in



Dual  
MPPT



Energy-Mate  
Monitoring Platform



5 Years  
Warranty

2 Years Product  
3 Years Service

# SPECIFICATIONS



MODEL	Meta X 6.2 Dual
PHASE	1-phase in / 1-phase out
MAXIMUM PV INPUT POWER	8000W
RATED OUTPUT POWER	7000W with PV & Battery / 6200W with Battery only
<b>GRID-TIE OPERATION</b>	
<b>PV INPUT (DC)</b>	
Nominal DC Voltage / Maximum DC Voltage	360 VDC / 500 VDC
Start-up Voltage / Initial Feeding Voltage	120VDC / 150 VDC
MPP Voltage Range	120 VDC ~ 430 VDC
Number of MPP Trackers / Maximum Input Current	2 / 18 A + 18A
<b>GRID OUTPUT (AC)</b>	
Output Voltage Range	220/230/240 VAC
Nominal Output Voltage	184 - 264.5 VAC or 195.5 - 253 VAC (Selectable)
Nominal Output Current	30.44A
Power Factor	> 0.99
<b>EFFICIENCY</b>	
Maximum Conversion Efficiency (DC/AC)	96%
<b>OFF-GRID OPERATION</b>	
<b>AC INPUT</b>	
AC Start-up Voltage / Auto Restart Voltage	120 - 140 VAC / 180 VAC
Acceptable Input Voltage Range	90 - 280 VAC or 170 - 280 VAC
Maximum AC Input Current	40 A
<b>PV INPUT (DC)</b>	
Maximum DC Voltage	500 VDC
MPPT Voltage Range	120 VDC ~ 430 VDC
Number of MPP trackers / Max. Input Current	2 / 18 A + 18A
<b>BATTERY MODE OUTPUT (AC)</b>	
Nominal Output Voltage	220/230/240 VAC
Output Waveform	Pure sinewave
Efficiency (DC to AC)	93%
<b>HYBRID OPERATIONS</b>	
<b>PV INPUT DC</b>	
Nominal DC Voltage / Maximum DC Voltage	360 VDC / 500 VDC
Start-up voltage / Initial Feeding Voltage	120VDC / 150 VDC
MPPT Voltage Range	120 VDC ~ 430 VDC
Number of MPP trackers / Max. Input Current	2 / 18 A + 18A
<b>GRID OUTPUT (AC)</b>	
Nominal Output Current	30.44A
Nominal Output Voltage	220/230/240 VAC
<b>AC INPUT</b>	
AC Start-up Voltage / Auto Restart Voltage	120 - 140 VAC / 180 VAC
Acceptable Voltage Range	90 - 280 VAC or 170 - 280 VAC
Maximum AC Input Current	40A
<b>BATTERY MODE OUTPUT (AC)</b>	
Nominal DC Voltage	220/230/240 VAC
Maximum Charging Current	93%
<b>BATTERY &amp; CHARGER</b>	
Nominal DC Voltage	48 VDC
Maximum Charging Current	120A
Maximum Solar Charging Current	120A
Maximum AC Charging Current	120A
<b>GENERAL</b>	
Dimension, (DxWxH) mm	138.4 x 295 x 491.8
Net Weight (kg)	14
Communication Port	USB / RS232 / RS487 / Wifi / Dry-contact
Parallel Function	Yes, 9 units
Operating Humidity	0 ~ 90% RH (Non-condensing)
Operating Temperature	-10 to 50°C