



Meta iX 6 KW



DUAL OUTPUT



BMS



MAXIMUM PV INPUT CURRENT 27A

Touchable button with 4.3" colored LCD

Programmable multiple operation modes: Grid-tie, off-grid and grid-tie with backup

Reserved communication port for BMS

Parallel operation up to 9 units

User-adjustable charging current and voltage



BUILT-IN ANTI DUST KIT

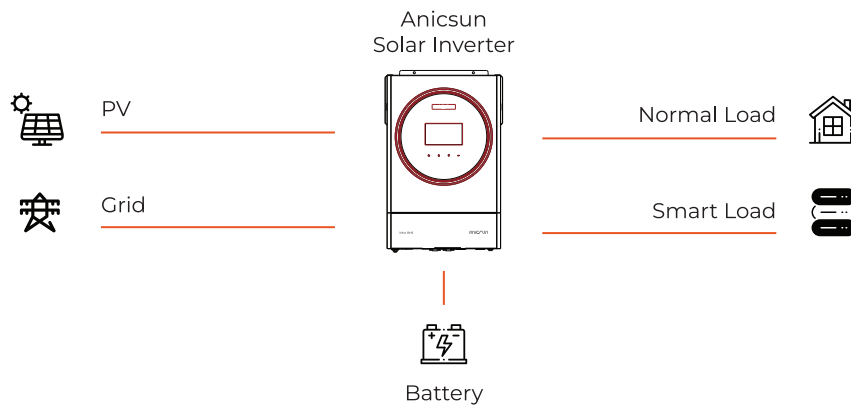


CUSTOMIZABLE RGB LIGHTNING



BATTERY INDEPENDENT DESIGN

Solution Design



MODEL		Meta iX - 6 Kw
PHASE		1-phase in / 1-phase out
MAXIMUM PV INPUT POWER		7000W
RATED OUTPUT POWER		6000W
MAXIMUM CHARGING POWER		6000W
GRID-TIE OPERATION		
PV INPUT (DC)		
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		1 / 27A
GRID OUTPUT (AC)		
Output Voltage Range		220/230/240 VAC
Nominal Output Voltage		184 - 264.5 VAC or 195.5 - 253 VAC (Selectable)
Nominal Output Current		26A
Power Factor		> 0.99
EFFICIENCY		
Maximum Conversion Efficiency (DC/AC)		96%
OFF-GRID OPERATION		
AC INPUT		
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
PV INPUT (DC)		
Maximum DC Voltage		500 VDC
MPPT Voltage Range		120 VDC ~ 430 VDC
Number of MPP trackers / Max. Input Current		1 / 27 A
BATTERY MODE OUTPUT (AC)		
Nominal Output Voltage		220/230/240 VAC
Output Waveform		Pure sinewave
Efficiency (DC to AC)		93%
HYBRID OPERATIONS		
PV INPUT DC		
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		1 / 27A
GRID OUTPUT (AC)		
Nominal Output Current		26 A
Nominal Output Voltage		220/230/240 VAC
AC INPUT		
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
BATTERY MODE OUTPUT (AC)		
Nominal DC Voltage		220/230/240 VAC
Maximum Charging Current		93%
BATTERY & CHARGER		
Nominal DC Voltage		48 VDC
Maximum Charging Current		120A
Maximum Solar Charging Current		120A
Maximum AC Charging Current		120A
GENERAL		
Dimension, (DxWxH) mm		140 x 295 x 468
Net Weight (kg)		12
Communication Port		USB, RS-232, RS-485,WiFi,Dry-Contact
Parallel Function		Yes, 9 units
Operating Humidity		0 ~ 90% RH (Non-condensing)
Operating Temperature		-10 to 50°C