



Meta VX 4 KW



MAXIMUM PV INPUT CURRENT 27A

Touchable button with large 4.3" Colored LCD

Reserved communication port for BMS (RS485,CAN-BUS or RS232)

Customizable status LED ring with RGB lights

Wide PV Input Voltage Range 60VDC ~ 450VDC



SUPPORT USB-ON THE GO

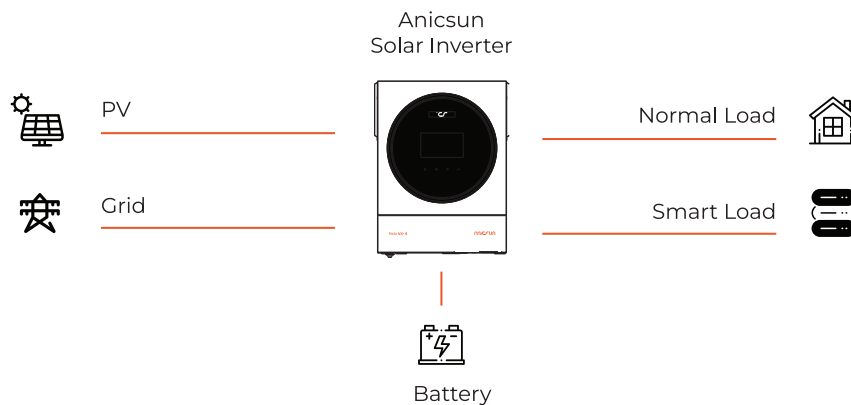


CUSTOMIZABLE RGB LIGHTNING



BATTERY INDEPENDENT DESIGN

Solution Design



SPECIFICATIONS



| MODEL | META VX 4 |
|---------------------------------------|--|
| Rated Power | 4000VA/4000W |
| INPUT | |
| Voltage | 230VAC |
| Selected Voltage Range | 170-280 VAC(For Personal Computers); 90-280 VAC(For Home Appliances) |
| Frequency Range | 50 Hz/60 Hz (Auto Sensing) |
| OUTPUT | |
| AC Voltage Regulation (Batt. Mode) | 230VAC \pm 10% |
| Surge Power | 8000VA |
| Efficiency (Peak) | 90% - 93% |
| Transfer Time | 10 ms (For Personal Computers); 20 ms (For Home Appliances) |
| Waveform | Pure Sine Wave |
| BATTERY | |
| Battery Voltage | 24 VDC |
| Floating Charge Voltage | 27 VDC |
| Overcharge Protection | 33 VDC |
| SOLAR CHARGER & AC CHARGER | |
| Solar Charger Type | MPPT |
| Maximum PV Array Open Circuit Voltage | 500 VDC |
| Maximum PV Array Power | 5000 W |
| MPPT Range @ Operating Voltage | 60 - 450 VDC |
| Maximum Solar Charge Current | 120 A |
| Maximum AC Charge Current | 100 A |
| Maximum Charging Current | 120 A |
| Maximum PV input current | 27 A |
| PHYSICAL | |
| Dimension,D x W x H (mm) | 119 x 313.6 x 457.5 |
| Net Weight (kgs) | 10 |
| Communication Port | USB, RS-232, RS-485,WiFi, Dry-Contact |
| OPERATING ENVIRONMENT | |
| Operating Humidity | 5% to 95% Relative Humidity (Non-condensing) |
| Operating Temperature | -10°C to 50°C |
| Storage Temperature | -15°C to 60°C |