



# Meta VX 6 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**

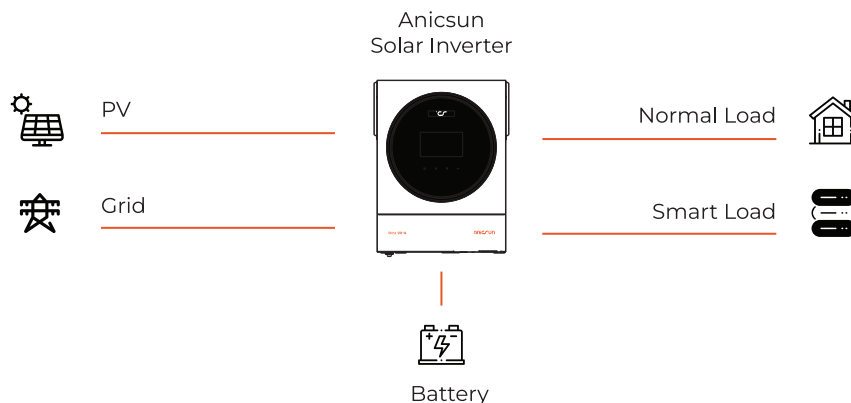


**CUSTOMIZABLE RGB LIGHTNING**



**BATTERY INDEPENDENT DESIGN**

### Solution Design



# SPECIFICATIONS



MODEL	META VX 6
Rated Power	6000VA/6000W
<b>INPUT</b>	
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)
<b>OUTPUT</b>	
AC Voltage Regulation (Batt. Mode)	230VAC $\pm$ 10%
Surge Power	12000VA
Efficiency (Peak)	90% - 93%
Transfer Time	10 ms (For Personal Computers); 20 ms (For Home Appliances)
Waveform	Pure Sine Wave
<b>BATTERY</b>	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	63 VDC
<b>SOLAR CHARGER &amp; AC CHARGER</b>	
Solar Charger Type	MPPT
Maximum PV Array Open Circuit Voltage	500 VDC
Maximum PV Array Power	6000 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
<b>PHYSICAL</b>	
Dimension,D x W x H (mm)	119 x 313.6 x 457.5
Net Weight (kgs)	12
Communication Port	USB, RS-232, RS-485,WiFi, Dry-Contact
<b>OPERATING ENVIRONMENT</b>	
Operating Humidity	5% to 95% Relative Humidity (Non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C