



Meta UX 8 KW



**MAXIMUM PV
INPUT CURRENT 27A x2 (Max 40A)**

Built-in 2.8" colored LCD with slide operation

Built-in Current transformer to meet self consumption application

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

Parallel operation with 6 units

Two independent AC power sources connected and switched automatically



**SUPPORT
USB-ON THE GO**

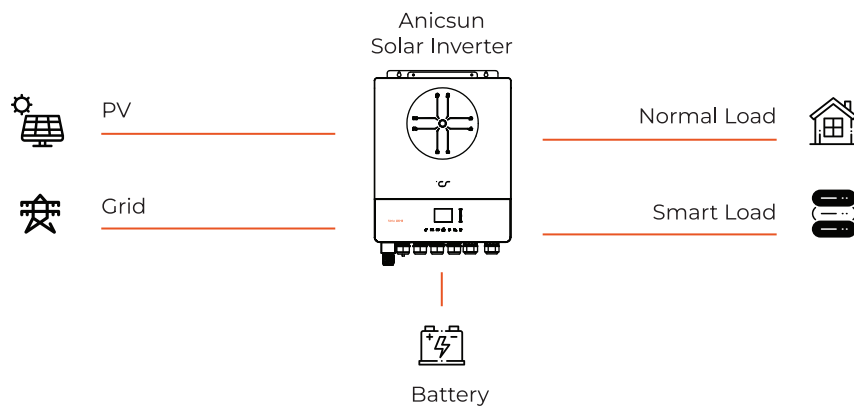


**BUILT-IN POWER
STATUS LIGHT
INDICATOR**



**BATTERY
INDEPENDENT DESIGN**

Solution Design



SPECIFICATIONS



MODEL	META UX 8
Rated Power	8000VA/8000W
Parallel Capability	Yes, 6 Units
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 5%
Surge Power	16000VA
Efficiency (Peak)	93%
Transfer Time	10 ms (For Personal Computers); 20 ms (For Home Appliances)
Waveform	Pure Sine Wave
BATTERY	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	63 VDC
SOLAR CHARGER & AC CHARGER	
Solar Charger Type	MPPT
Maximum PV Array Open Circuit Voltage	500 VDC
Maximum PV Array Power	10000W (5000W x 2)
MPPT Range @ Operating Voltage	90 - 450 VDC
Maximum Solar Charge Current	150 A
Maximum AC Charge Current	120 A
Maximum Charging Current	150 A
Maximum PV input current	27 A x 2 (MAX 40A)
PHYSICAL	
Dimension,D x W x H (mm)	145 x 438 x 553.6
Net Weight (kgs)	18.4
Communication Port	USB, RS-232, RS-485,WiFi, Dry-Contact, BTS Support Optional GFCI, Rapid Shut down, AFCI Detection
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