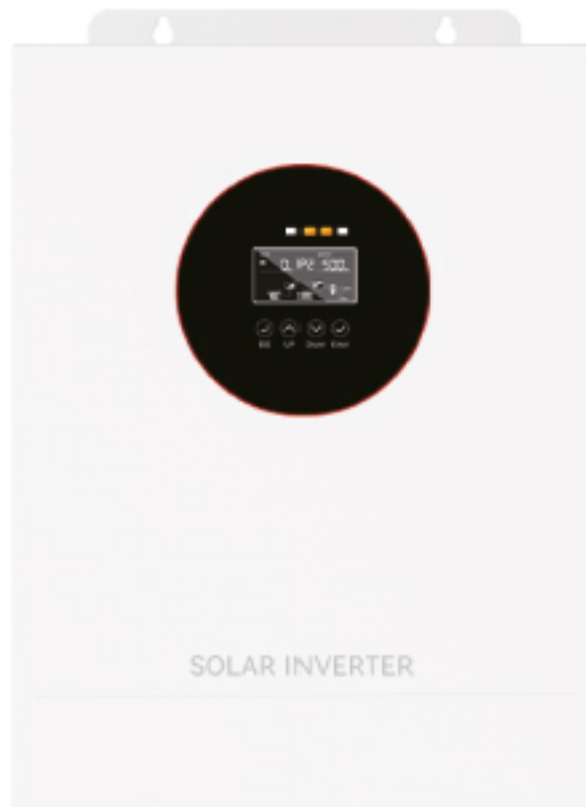




SUNWAYS UMX III 6.2 KW PRO



Built-in 120A
Solar Charger



Wide MPPT
Range 60-500V



Workable with
Generator

DUAL
Dual AC
Output

BMS

Support Lithium/
Lead-acid Battery



Lithium Battery
Activation

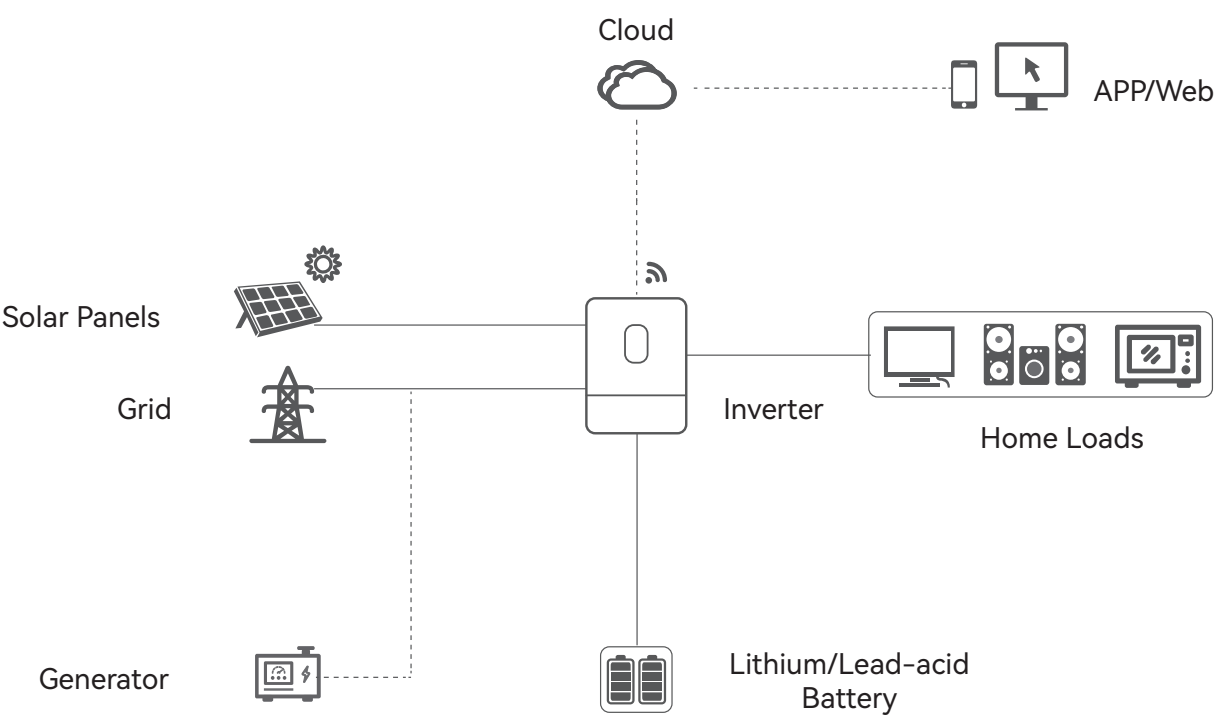


Detachable
Dust Cover



WiFi
Monitoring

System Diagram



Specifications

Model	SUNWAYS UMX III 6.2 KW PRO
AC Input	
Rated Input Voltage (VAC)	230 (default)208/220/230/240;L+N+PE
Voltage Range (VAC)	90~280±3(normal mode):170~280±3(UPS mode)
Frequency(Hz)	50/60(Auto Adaptive)
AC Output	
Rated Capacity (VA)/(W)	6200W
Surge Power (VA)/(W)	12400W
Rated Output Voltage (VAC)	208/220/230/240
Power Factor(PF)	>0.99
Frequency	50/60Hz±0.1%
Switch Time (ms)	10(normal mode)/10 (UPS mode)
Wave Form	Pure Sine Wave
Overload Capacity (Battery Mode)	60s@102%~110% load; 10s@110%~130% load; 3s@130%~150% load; 0.2s@>150% load
Max. Efficiency (Battery Mode)	92.7%@48VDC
Parallel Quantity	NA
Charging Information (PV/AC)	
Solar Charger Type	MPPT
Max PV input Current/Input Power	9000W/27A
MPPT Range@Operating Voltage (VDC)	60~450
Max PV Open Circuit Voltage (VDC)	500
Max PV Charge Current (A)	120
Max AC Charge Current (A)	120
Max. Charge Current (PV + AC)(A)	120
Battery information	
Rated Voltage(VDC)	48
Floating Charge Voltage (VDC)	54
Overcharge Protection (VDC)	61
Battery Type	Lead-acid and Lithium
Interface	
HMI	LCD
Interface	RS485/RS232/USB /Dry Contact
Monitoring	WiFi (Optional)
General Data	
Ingress Protection	IP20
Operating Temperature	-10℃~ 50℃
Relative Humidity	5%~95%(Non-condensing)
Storage Temperature	-15 ℃~ 60 ℃
Net Weight (kg)	8.4
Dimensions(W*H*D)	445*342*112mm(without bracket)
Max. Operating Altitude	4000m(Derating above 1000m)