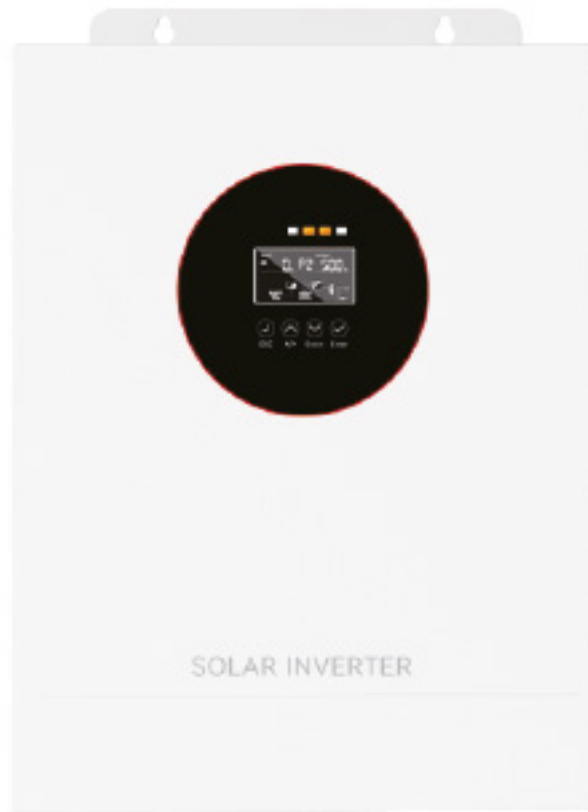




SUNWAYS UMX III 2.2 KVA PRO



Built-in 100A
Solar Charger



Wide MPPT
Range 30-400V



Workable with
Generator

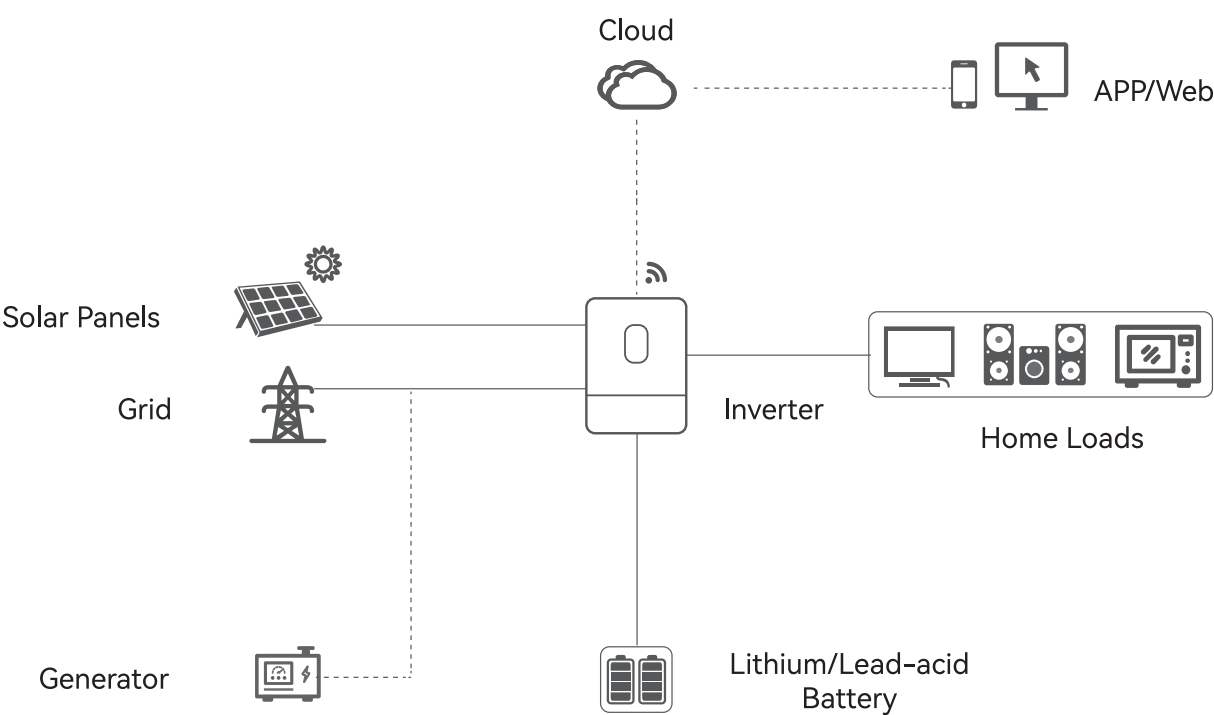
BMS

Support Lithium/
Lead-acid Battery



Lithium Battery
Activation

System Diagram



Specifications

Model	SUNWAYS UMX III 2.2 KVA 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)	4000VA
Surge Power (VA)/(W)	2000VA/2000W
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)	90%@12VDC
Parallel Quantity	NA
Charging Information (PV/AC)	
Solar Charger Type	MPPT
Max PV input Current/Input Power	3000W/18A
MPPT Range@Operating Voltage (VDC)	30-400
Max PV Open Circuit Voltage (VDC)	450
Max PV Charge Current (A)	100
Max AC Charge Current (A)	100
Max. Charge Current (PV + AC)(A)	100
Battery information	
Rated Voltage(VDC)	12
Floating Charge Voltage (VDC)	13.5
Overcharge Protection (VDC)	15
Battery Type	Lead-acid and Lithium
Interface	
HMI	LCD
Interface	RS485/USB
Monitoring	NA
General Data	
Ingress Protection	IP20
Operating Temperature	-10°C~ 50°C
Relative Humidity	5%~95%(Non-condensing)
Storage Temperature	-10 °C~ 50 °C
Net Weight (kg)	4.1
Dimensions(W*H*D)	360*265*100mm
Max. Operating Altitude	4000m(Derating above 1000m)