

Product Specification



SUNWAYS UMX III 4.2 KVA



Built-in 100A
Solar Charger



Wide MPPT
Range 40-500V



Workable with
Generator

CE

Complete CE
Certificate



**Lithium Battery
Activation**



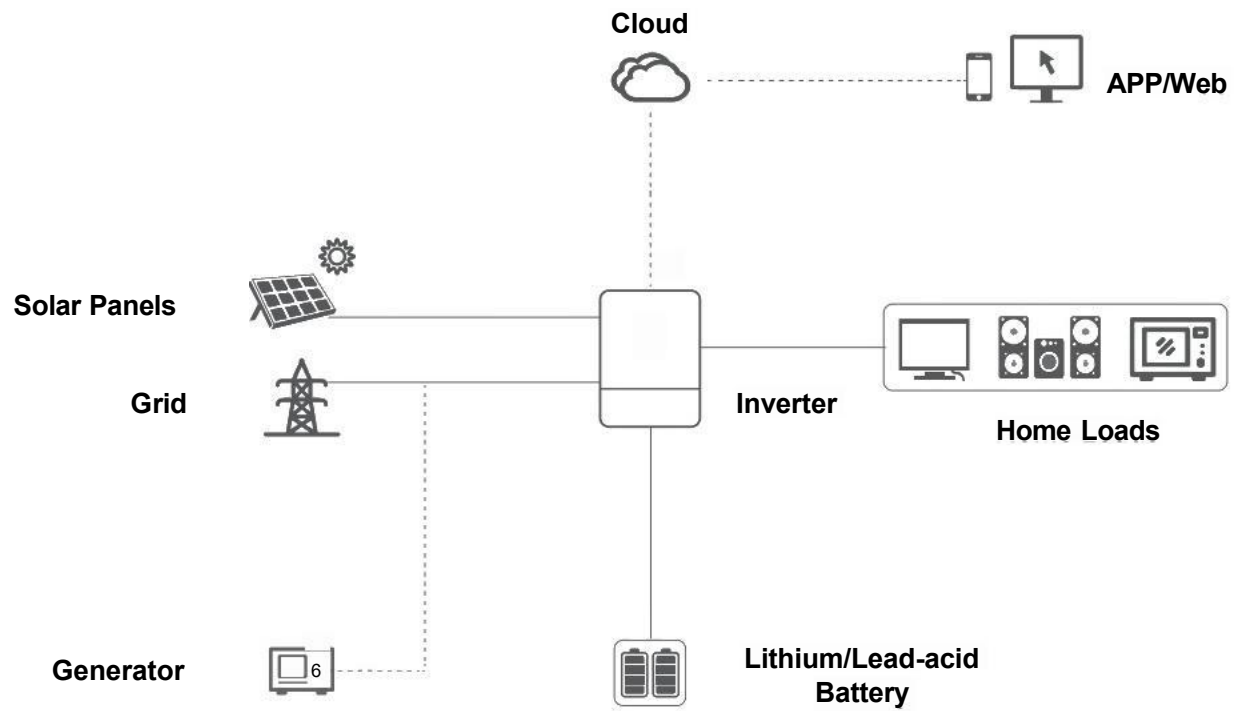
Detachable
Dust Cover



WiFi
Monitoring

Specification of storage energy power

System Diagram



Specification of storage energy power

Specifications

Model	SUNWAYS UMX III 4.2 KVA
AC Input	
Rated Input Voltage(VAC)	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(kW)	4.0
Surge Power(kVA)	5.7
Voltage(VAC)	208/220/230/240
Power Factor(PF)	1
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%@24VDC
Parallel Quantity	NA
Charger(PV/AC)	
Solar Charger Type	MPPT
Max PV input Current/Input Power	18A/5000W
MPPT Range@Operating Voltage(VDC)	40~450
Max PV Open Circuit Voltage(VDC)	500
Max PV Charge Current(A)	100
MaxAC Charge Current(A)	100
Max.Charge Current(PV+AC)(A)	100
Battery	
Rated Voltage(VDC)	24
Floating Charge Voltage(VDC)	27
Overcharge Protection(VDC)	30.5
Battery Type	Lithium and Lead-acid
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)	6.25
Dimensions(W*H*D)	440*290*100mm(without bracket)
Max.Operating Altitude	4000m(Derating above 1000m)