

14.



Voltsmile
OUTDOOR LV AIO

VAULT 30

Rated Voltage:	51.2Vdc
Input Voltage:	400Vac/230Vac
Output Voltage:	400Vac/230Vac
Max Output Wattage:	12kW
Battery Capacity:	30.7kWh
Max PV Input Wattage:	15.6kW
MPPT Voltage Range:	160V ~ 800V
Charge Current:	100A(per module)
Discharge Current:	100A(per module)
Communication:	RS485, CAN, Wireless
Number In Parallel:	10
Weight:	680kg
Dimensions:	930*700*2050 (mm)
Working Temp:	0°C~50°C
Storing Temp:	-20°C~55°C
Air-Con Wattage	600W
IP Rating:	IP54
Humidity:	5%~95%(RH)
Altitude:	<3500m
Designed Life:	10 Years +
Warrenty:	10 Years
Certifications:	IEC62619, UN38.3, CE, ROHS

The Vault series is an outdoor All-In-One (AIO) solution designed primarily for OEMs and customized builds, catering to a wide range of unique energy storage and distribution needs. Featuring an IP54-rated casing with an integrated air conditioning system, the Vault series is built to withstand harsh weather conditions, making it ideal for outdoor environments. The Vault 30 is the first model in this line-up, offering robust performance and flexibility for various applications. We are excited to collaborate with you on your OEM and design requirements, providing tailored solutions that meet your specific energy needs with durability and efficiency.

COLD
CLIMATE

EXPAND
ABLE

OPTION

HIGH
VOLTAGE

IP54

19"
RACK