

# 15.



**Voltsmile**  
OUTDOOR HV AIO

## VAULT 50

Rated Voltage:	512Vdc
Input Voltage:	400Vac/230Vac
Output Voltage:	400Vac/230Vac
Max Output Wattage:	30kW
Battery Capacity:	51.2kWh
Max PV Input Wattage:	19.2kW + 19.2kW
MPPT Voltage Range:	200V ~ 800V
Charge Current:	80A
Discharge Current:	80A
Communication:	RS485, CAN, Wireless
Number In Parallel:	10
Weight:	500kg
Dimensions:	990*700*2070 (mm)
Working Temp:	0°C~50°C
Storing Temp:	-20°C~55°C
Air-con Wattage:	1000W
IP Rating:	IP54
Humidity:	5%~95%(RH)
Altitude:	<3500m
Designed Life:	10 Years +
Warrenty:	10 Years
Certifications:	IEC62619, IEC62477, UN38.3, CE, ROHS

The Vault 50 offers the same level of robustness and versatility as the Vault 30, but with enhanced capabilities for more demanding applications. Equipped with high-voltage batteries and a high-voltage inverter, the Vault 50 boosts efficiency, making it an ideal solution for mini commercial installations. Its ability to handle larger power outputs and integrate seamlessly with high-voltage systems makes it perfect for businesses or energy setups that require reliable and scalable energy storage. Just like the Vault 30, the Vault 50 is designed to endure harsh outdoor conditions, offering superior performance and durability in a compact, all-in-one package.

 **COLD CLIMATE**

 **EXPANDABLE**

 **OPTION**

**HIGH VOLTAGE**

**IP54**

**19" INCH BACK**