

16.



Voltsmile
OUTDOOR HV AIO

RAID 11

Rated Voltage:	563Vdc
Input Voltage:	400Vac/230Vac
Output Voltage:	400Vac/230Vac
Max Output Wattage:	50kW
Battery Capacity:	112kWh
Max PV Input Wattage:	80kW
MPPT Voltage Range:	160V ~ 850V
Charge Current:	80A
Discharge Current:	80A
Communication:	RS485, CAN, Wireless
Number In Parallel:	10
Weight:	1300kg
Dimensions:	1650*820*2070 (mm)
Working Temp:	0°C~50°C
Storing Temp:	-20°C~55°C
Air-con Wattage:	2000W
IP Rating:	IP54
Humidity:	5%~95%(RH)
Altitude:	<3500m
Designed Life:	10 Years +
Warrenty:	10 Years
Certifications:	IEC62619, IEC62477, UN38.3, CE, ROHS

The Raid series represents the largest and most powerful systems that Voltsmile currently offers, designed to meet the energy needs of micro-scale commercial units, hotels, and similar establishments. These systems deliver exceptional capacity and efficiency, making them perfect for businesses that require reliable, large-scale energy storage and management. With advanced features and high-performance components, the Raid series ensures consistent power supply, even in high-demand environments. Whether you're managing a hotel or a commercial unit, the Raid series provides a robust, scalable solution tailored to meet the growing energy demands of modern businesses.

 **COLD
CLIMATE**

 **EXPAND
ABLE**

 **OPTION**

**HIGH
VOLTAGE**

IP54

19" RACK