

Voltsmile

DATASHEET



MONOLITH

Model

Monolith

Main Parameter

Battery Chemistry	LiFePO4
Rated Voltage	51.2Vdcv
Capacity	5,120Wh
Usable Capacity[1]	4,608Wh
Charging Current[2]	100A
Discharging Current[2]	100A
Communications	CAN / RS485
Number In Parallel	16
Dimensions	520 x 255 x 330 (mm)
Weight:	43 kg
Working Temp	0°C~50°C
Store Temp	-20°C~55°C
IP Rating	IP54
Humidity	5%~95%(RH)
Altitude	< 3500 M
Installation	Wall-Mounted
Warranty[3]	10 years
Designed Life	10 years+
Certifications	IEC62619 / UN38.3 / CE / ROHS

[1]DC Usable Energy, test conditions: 90% DOD, 0.5C charge & discharge at 25°C.
System usable energy may vary due to system configuration parameters;

[2]The current is affected by temperature and SOC;

[3]Conditions apply, refer to Voltsmile's warranty terms.

Introduction

The Voltsmile Monolith Stackable Lithium Iron BatteryPack,a stylish and scalable energy solution designedfor both indoor and outdoor applications. Operatingat a voltage of 51.2V with a capacity of 5.12kWh, theVoltsmile Monolith is perfect for those seeking reliableand expandable power storage.With an IP65 rating, thisbattery pack is built to endure the elements, making it anexcellent choice for various outdoor settings