

Voltsmile

DATASHEET



V5

Model	V5	V5+
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Main Parameter

Battery Chemistry	LiFePO4	
Nominal Voltage	48V	
Operating Voltage	43.2~57.6V	
Capacity	2,400Wh	
Charging Current	50A	
Discharging Current	50A	
Communications	CAN / RS485	
Scalability	Max 63 units in parallel	
Weight	26kg	
Dimensions	410×442×133mm	
Working Temp	0°C~50°C	-20°C~50°C
Store Temp	-20°C~55°C	
IP Rating	IP20	
Humidity	5%~95%(RH)	
Altitude	<3500M	
Installation	Wall-Mounted, Floor-Mounted, Rack-Mounted	
Warranty	10 years	
Designed Life	10 years+	
Certifications	IEC62619 / UN38.3 / CE / UKCA / ROHS	

Introduction

The Voltsmile V5 Lithium Iron Battery, the pinnacle of energy efficiency and reliability for your power needs. Engineered to deliver optimal performance, the Voltsmile V5 operates at a voltage of 48V with an impressive capacity of 2.4kWh, making it the perfect choice for a variety of applications, for home energy storage systems and beyond.

Cable set



Power cable set



Parallel cable set

V5 Cabinet



22U cabinet for
6 units V5



30U cabinet for
9 units V5

V5 Easy Bracket



Wall-mount cabinet(support 2 units V5)

