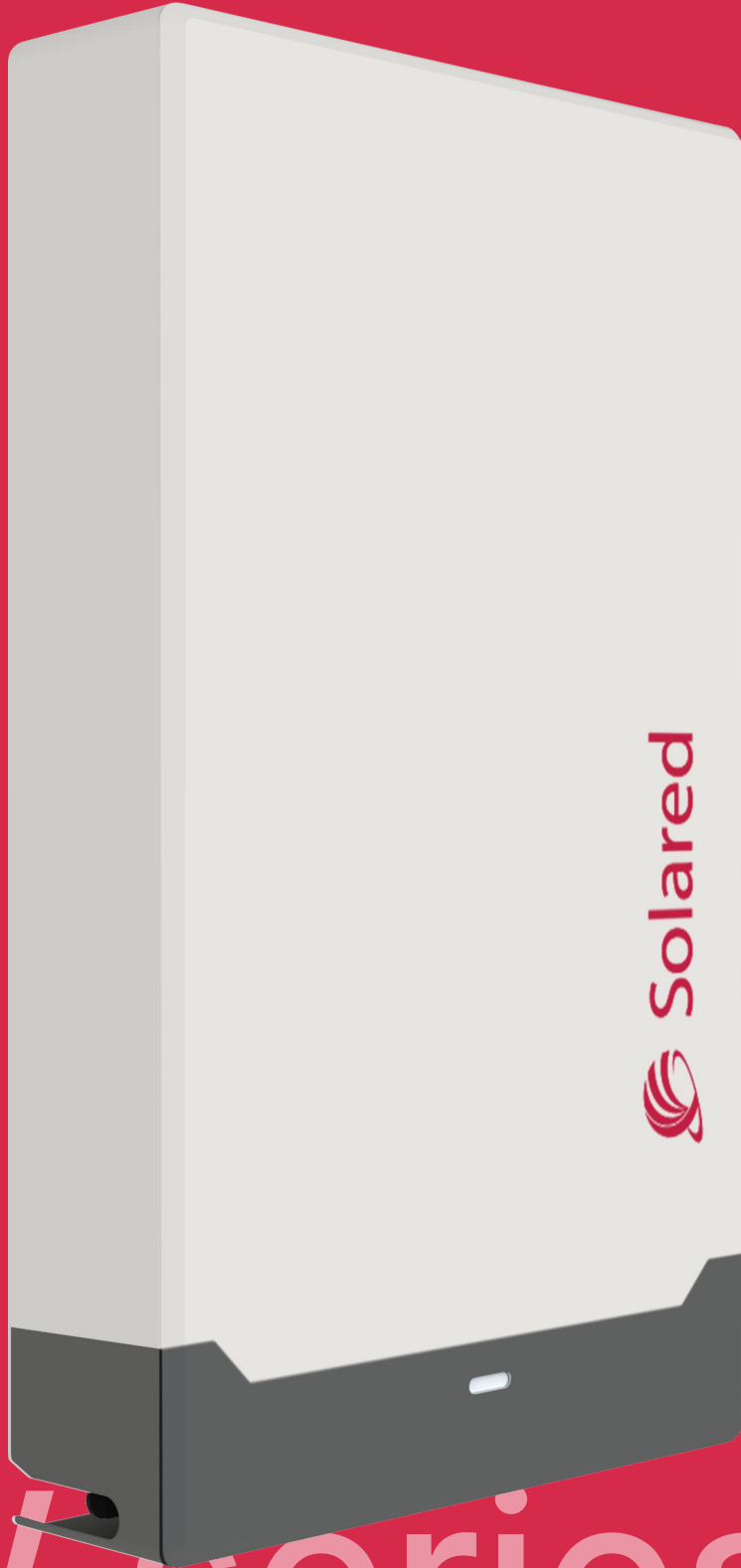




# Solared



## W series

DATASHEET

Technical Data

Model	W1
Main Parameter	
Battery Chemistry	LiFePO4
Voltage	51.2V
Operating Voltage	43.2~57.6V
Capacity	10,240Wh
Usable Capacity[1]	9,216Wh
Charging Current[2]	100A
Discharging Current[2]	100A
Communications	CAN / RS485 / WiFi / Bluetooth
Scalability	Max 63 units in parallel
Dimensions	888 x 518 x 150mm
Weight	90 kg
Working Temp	0°C~50°C*
Store Temp	-20°C~55°C
IP Rating	IP65
Humidity	5%~95%(RH) No Condensation
Altitude	< 3500 M
Installation	Wall-Mounted
Warranty[3]	10 years
Designed Life	10 years+
Certifications	IEC62619 / UN38.3 / CE / ROHS
Introduction	<div><div>[1]DC Usable Energy, test conditions: 90% DOD, 0.5C charge &amp; discharge at 25°C. System usable energy may vary due to system configuration parameters;</div><div>[2]The current is affected by temperature and SOC;</div><div>[3]Conditions apply, refer to Solared's warranty terms.</div></div>

The Solared W1 Wall-Mounting Lithium Iron Battery Pack, the ultimate solution for robust and reliable energy storage. Designed for both indoor and outdoor applications, the Solared W1 operates at a voltage of 51.2V and offers a substantial capacity of 10.24kWh, ensuring dependable power in all conditions. With an IP65 rating, this battery pack is built to withstand the elements, making it ideal for outdoor installations power in all conditions. Solared W1 also supports WiFi and Bluetooth connections to monitor battery status at all times.

W series accessories



Cable set

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