

# Voltsmile

DATASHEET



W series

| Model                 | W1                            | W1+        |
|-----------------------|-------------------------------|------------|
| <b>Main Parameter</b> |                               |            |
| Battery Chemistry     | LiFePO4                       |            |
| Voltage               | 51.2V                         |            |
| Operating Voltage     | 43.2~57.6V                    |            |
| Capacity              | 10,240Wh                      |            |
| Charging Current      | 100A                          |            |
| Discharging Current   | 100A                          |            |
| Communications        | CAN / RS485                   |            |
| Scalability           | Max 16 units in parallel      |            |
| Dimensions            | 888 x 518 x 150mm             |            |
| Weight                | 90 kg                         |            |
| Working Temp          | 0°C~50°C                      | -20°C~50°C |
| Store Temp            | -20°C~55°C                    |            |
| IP Rating             | <b>IP67</b>                   |            |
| Humidity              | 5%~95%(RH) No Condensation    |            |
| Altitude              | < 3500 M                      |            |
| Installation          | Wall-Mounted                  |            |
| Warranty              | 10 years                      |            |
| Designed Life         | 10 years+                     |            |
| Certifications        | IEC62619 / UN38.3 / CE / ROHS |            |

## Introduction

The Voltsmile W1 Wall-Mounting Lithium Iron Battery Pack, the ultimate solution for robust and reliable energy storage. Designed for both indoor and outdoor applications, the Voltsmile W1 operates at a voltage of 51.2V and offers a substantial capacity of 10.24kWh, ensuring dependable power in all conditions. With an IP67 rating, this battery pack is built to withstand the elements, making it ideal for outdoor installations power in all conditions. With an IP67 rating, this battery pack is built to withstand the elements, making it ideal for outdoor installations.

Cable set

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Power cable set



Parallel cable set