

AlphaESS SMILE5 is available for DC-coupling, AC-coupling and hybrid-coupling connection and working with multiple battery options including 2.9kWh, 5.7kWh, 10.1kWh and 13.3kWh battery module. Click to learn more about AlphaESS SMILE5 5kw battery storage now!

Tel.: +61 1300 968 933 E-mail: [australia@alpha-ess](mailto:australia@alpha-ess) Web.: Alpha ESS Australia PTY. Ltd. Unit 1, 2 Ralph Street Alexandria NSW 2015 This Warranty does not cover: any costs incurred by the end-user or the installer in normal or scheduled maintenance of the

10.3P, and SMILE-BAT-13.3P. This document describes the mounting, installation, commissioning, configuration, operation, troubleshooting and decommissioning of the product as well as the operation of the product user interface. Observe all documentation that accompanies the product, keep them in a convenient ...

The SMILE-BAT-10.3P can be installed in an outdoor or an indoor location. In SN -YYMMXXXX. Where battery systems are installed within a room, shall be located so that access to the battery is not obstructed by the structure of the building, fixtures and fittings within the room. SMILE-BAT-10.3P adopts natural ventilation.

with SMILE-BAT-10.3P SMILE5 Specification Electrical Operation BMS Certificate Battery SMILE-BAT-10.3P V00.26032021 | Text and images correspond to the current state of technology at the time of printing subject to modifications. All information is without guarantee in spite of careful editing - liability excluded. +61 402 500 520 (Sales)

The SMILE-BAT-10.3P battery pack has the following features: Photovoltaic system: This battery pack is designed for household photovoltaic systems. Battery management system (BMS): The battery packs built-in BMS monitors its operation and prevents the battery from operating outside design limitations.

SMILE-BAT-13.3P Battery Type Modules Connection Power consumption Monitoring Parameters Communication 610 x 236 x 816 mm 1 ~ 6 in parallel (with expansion pack)  $\leq 1$  W (Work),  $\leq 10$  mW (Sleep) System voltage, current, cell voltage, cell temperature, PCBA temperature CAN and RS-485 compatible

10.3P, SMILE-Bat-13.3P. This document describes the mounting, installation, commissioning, configuration, operation, troubleshooting and decommissioning of the product as well as the operation of the product user interface. Observe all documentation that accompanies the product, keep them in a convenient ...

SMILE-BAT-10.3P is a sealed component with no access to battery terminals or cell components within module. SMILE-BAT-10.3P contains an integrated 2 pole DC isolator, which conforms to IEC 60947 and



# SMILE-BAT-10 3P

operates in all live conductors. NOTE: please pay attention for unpacking the battery, the worst case

Page 2 SMILE-BAT-10.3P Integrated EMS 6 x ST6\*55 1 x Quick Installation Manual 2 x Wall Panel 1 x Battery Communication Cable Wall Anchor 2 x Power Cable 8 x M5\*10 Screw 4x M5 Washer 1 x WiFi Module (optional) (1 black, 1 red) Page 3: Mount The Battery Mount the Wall Panels Take out the battery from the packing box, and remove Assemble the ...

This document summarizes the specifications of the SMILE-BAT-10.3P residential battery from Alpha ESS. The battery has a 10.3 kWh modular capacity, weighs 95 kg, and has dimensions of 610 x 236 x 727 mm. It has an IP65 rating, 5-year product and 10-year performance warranties. Key electrical specifications include a nominal voltage of 51.2V, operating voltage range of 48 ...

SMILE5-BAT 5.7 kWh 51.2 V 56 A 10 000\*\*\* 6 6\*\* SMILE-BAT-10.1P 10.1 kWh 48 V  
SMILE-BAT-13.3P 13.3 kWh 48 V-10 &#176;C ~ 50 &#176;C\* -10 &#176;C ~ 50 &#176;C\* -10 &#176;C  
~ 50 &#176;C\* -10 &#176;C ~ 50 &#176;C\* 100 A 100 A 8000\*\*\* 8000\*\*\* M4856-P 2.9 kWh 51.2 V 6 56  
A 10 000\*\*\* 2.9 ~ 17.2 kWh (96% DoD) 5.7 ~ 34.4 kWh (96% DoD) 2.8 ~ 16.5 kWh 5.5 ~ 33.0 kWh 10.1 ~  
60.6 kWh (96% ...

SMILE-BAT-10.3P. Energy Capacity Usable Capacity Depth of Discharge (DoD) Nominal Voltage Operating  
Voltage Range Short circuit current Cycle Life 10.3 kWh 9.3 kWh 90% 51.2 V 48 ~ 57.6 V 320A / 4.5 ms  
8000\* Electrical BATTERY SMILE-BAT-10.3P Battery Type Modules Connection Capacity Usable  
Capacity

This Manual introduces the basic steps how to install and operate AlphaESS SMILE-BAT-13.3P  
SMILE-BAT-13.3P is a sealed component with no access to battery terminals or cell components within  
module. SMILE-BAT-13.3P contains a Bi-pole DC isolator, which conforms to IEC 60947. It operates both  
positive and negative conductors.

The Smile-Bat-10.1P, an exceptional solar battery expandable from 10.1 to a massive 60.6kWh of storage.  
This Alpha battery is VPP ready, with 24/7 phone monitoring. Alpha ESS also adds 5 years product warranty  
and 10 years of performance warranty, which gives you as a customer some reassurance that you are  
supported.

SMILE-BAT-13.3P 13.3 kWh-10 &#176;C ~ 50 &#176;C\* -10 &#176;C ~ 50 &#176;C\* 100 A 8000\*\*\*  
10.1 ~ 60.6 kWh (96% DoD) 9.7 ~ 58.1 kWh LFP (LiFePO4) IP65 (Outdoor) 5 Year Product Warranty, 10  
Year Battery Performance Warranty Capacity Range Usable Capacity Range Battery Chemistry IP Protection  
Warranty

Page 1 QUICK INSTALLATION GUIDE SMILE-BAT-10.1P/10.3P...; Page 2 6 x ST4.8\*60 6 x M5\*10  
Screw Battery Communication Cable 2 x Mounting Panel Wall Anchor 4 x M6 Washer 1 x Documentation...;  
Page 3 Mount brackets on the battery Take out the battery from the packaging. Assemble the mounting panels

on the battery. 2 x Mounting Panels Fix the battery Push the ...

SMILE-BAT-10.3P 10.3 kWh 51.2 V SMILE-BAT-13.3P 13.3 kWh 48 V-10 °C ~ 50 °C\* -10 °C ~ 50 °C\* -10 °C ~ 50 °C\* 100 A (0.5C) 100A (0.35C) 8000 8000 UPS LCD Ethernet 125 V 15% ~ 85% (No Condensing) Dimension (W x D x H) 610 x 236 x 615 mm Weight 60 kg EN 61000-6-1/2/3/4 Grid Regulation

Model SMILE-BAT-10.3P \* When the temperature is below 0 °C or above 40 °C, the performance will be limited. Germany: Alpha ESS Europe GmbH +49 6103 4591 601 europe@alpha-ess Paul-Ehrlich-Straße 1a, D-63225 Langen, Hessen Headquarter: Alpha ...

SMILE-BAT-10.1P \* Under specific test conditions \*\* When the temperature is below 0 °C or above 40 °C, the performance will be limited. Transportation Safety UN38.3 IEC 62619 (Cell), IEC 62619 (Pack) Certification Germany: Alpha ESS Europe GmbH +49 6103 4591 601 europe@alpha-ess

Alpha ESS Co., Ltd. Page 5 of 25 Introduction Your Smart Energy 1. Introduction Features The SMILE-BAT-13.3P battery pack has the following features: Photovoltaic system: This battery pack is designed for household photovoltaic systems. Battery management system (BMS): The battery packs built-in BMS monitors its operation and prevents the battery from operating outside ...

SMILE-BAT-10.1P/10.3P. 6 x ST4.8\*60 Wall Anchor 6 x M5\*10 Screw Battery Communication Cable 4 x M6 Washer 1 x Documentation 2 x Mounting Panel. Mount brackets on the battery Assemble the mounting panels on the battery. Push the battery against the wall, cover the top of ...

SMILE-BAT-10.3P Battery Type Modules Connection Capacity Usable Capacity Monitoring Parameters Communication 610 x 236 x 737 mm 1 ~ 6 in parallel 10.3 / 20.7 / 31.0 / 41.4 / 51.7 / 62.1 kWh 9.9 / 19.9 / 29.8 / 39.7 / 49.6 / 59.6 kWh System voltage, current, cell voltage, cell temperature, PCBA temperature

Web: <https://wodazyciarodzinnad.waw.pl>