

SOLAR MD STORAGE PRODUCTS



SOLAR MD 7.4KWH SS4074 ADVANCED LITHIUM-ION BATTERY

THE **SS4074** RELIES ON LITHIUM IRON-PHOSPHATE BATTERIES FOR ITS STREAMLINED ENERGY STORAGE.

THE **SS4074** FEATURES DIFFERENT STORAGE CAPACITIES, ACCORDING TO USER SPECIFIC REQUIREMENTS. CAPACITY CAN BE INCREASED THROUGH PARALLEL CONNECTION OF THE BATTERIES.

SYSTEM FEATURES

- ✓ **SS4074** IS A FLEXIBLE SOLUTION FROM SMALL TO LARGE CONFIGURATION
- ✓ SUPPORT SYSTEM PARALLEL CONNECTION
- ✓ CAN COMMUNICATION
- ✓ MODULAR DESIGN

APPLICATIONS

- ✓ RESIDENTIAL PV INSTALLATIONS FOR HOUSEHOLD ENERGY DEMANDS
- ✓ RESIDENTIAL AND COMMERCIAL UPS SYSTEMS
- ✓ **SS4074** IS USED WITH AN EXTERNAL BATTERY INVERTER
- ✓ OFF-GRID ENERGY SYSTEMS



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SS4074

SS4074 HAS BEEN WIDELY USED IN ENERGY STORAGE APPLICATIONS IN THE AFRICAN MARKET. THE BATTERY IS PRODUCED WITH WORLD LEADING LIFEPO4 TECHNOLOGY.

BATTERY FEATURES

- ✓ **STABLE DISCHARGE PLATFORM**
- ✓ **EXCELLENT SAFETY**
- ✓ **LONG LIFECYCLE**
- ✓ **HIGH TEMPERATURE PERFORMANCE**
- ✓ **HIGH ENERGY DENSITY**
- ✓ **HIGH CHARGE AND DISCHARGE RATE**
- ✓ **HIGH EFFICIENCY**

SS4074	
Battery Type	Lithium Iron Phosphate (LiFePO4)
Battery Module	SS4074
Rated Battery Capacity	7.4kWh
Output Power	5kW
Usable Battery Energy @0.3C	7.4.kWh
Nominal Voltage	51.2V
Number of Battery Modules	1 module
Weight of SS4074	76kg
Operational Voltage	44.8-55.6 Vdc
Communication	CAN
Dimensions of SS4074 (mm)	Width 640 x depth 200 x height 630
Battery Cycle Life (+25°)	>4000
Charging Efficiency	99%
Operational Temperature	-5°C to +50°C
Transport	UN3480 & UN38.3
Storage Duration	6 months at +25°C
Safety Standard Compliance	IEC 62619 / UN 38.3 / UL1642
Cell Certificate	TUV / CE / RCM / UL1642



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