

SOLAR MD STORAGE PRODUCTS



SS8008 82kWh/ 819,2V



BATTERY PROTECTION UNIT

SOLAR MD SS8008 HIGH VOLTAGE ENERGY SOLUTION

THE SOLAR MD SS8008 IS THE FIRST HV ENERGY STORAGE SYSTEM WITH SOLAR MD ADVANCED BMU AND BMS TECHNOLOGY INTEGRATED WITH MAJOR INVERTER BRANDS AS WELL AS LOGGER V2. THE SS8008 IS DESIGNED TO BE INSTALLED IN CONTAINERISED SOLUTIONS, AS WELL AS IN COMMERCIAL AND INDUSTRIAL OPERATIONS.

LFP PRISMATIC CELLS ARE INCREDIBLY DURABLE, SAFE AND POWERFUL. SOLAR MD USES CATL CELLS AND OFFERS A PERFORMANCE GUARANTEE OF 10 YEARS ON THE BATTERY MODULES.

SS8008-HV CABINET

DIMENSIONS	700 X 2065 X 405mm
SS5102 MODULES	8 modules
MAXIMUM DISCHARGE	75kW
MAXIMUM CHARGING	75kW
MAXIMUM EFFICIENCY	99%
WEIGHT	568kg



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Montague Gardens, 7441 Cape Town, South Africa

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SS8008 APPLICATIONS

- ✓ OFF-GRID ELECTRICITY SUPPLY YOUR OWN MINI GRID,
- ✓ BACK-UP POWER
- ✓ PEAKSHAVING
- ✓ INCREASED SELF-CONSUMPTION AND PV USAGE
- ✓ TIME OF USE (VIA LOGGER V2 -LIMITED PCS BRANDS)
- ✓ MANUAL AND AI BASED CHARGING, WHEN YOU NEED IT.
- ✓ POWER MANAGEMENT VIA LOGGER V2 AND ADVANCED SWITCHING OF CONSUMERS

	SS8008
Battery Type	Lithium Iron Phosphate (LiFePO4)
Rated Battery Capacity	81,920Wh
Output Power	Max 75kW
Usable Battery Energy @0.3C	82kWh
Nominal Voltage	819.2V
Number of Battery Modules	8 modules
Weight of per module	63kg
Operational Voltage	780-880 Vdc
Communication	CAN, RS485, ETH, RS232
Dimensions of SS8008 (mm)	Width 405 x depth 700 x height 2065
Battery Cycle Life (+25°)	>5000
Charging Efficiency	99%
Operational Temperature	-5°C to +50°C
Transport	UN3480 & UN38.3
Storage Duration	6 months at +25°C
Safety Standart Compliance	IEC 62619 / UN 38.3 / UL1642
Cell Certificate	TUV / CE / RCM / UL1642



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