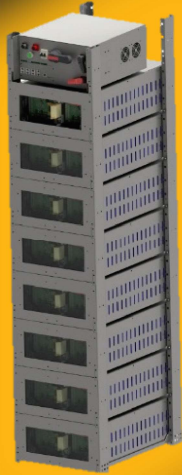


SOLAR MD STORAGE PRODUCTS



SS8007 71.68kWh/ 716.8V



BATTERY PROTECTION UNIT

SOLAR MD SS8007 HIGH VOLTAGE ENERGY SOLUTION

THE SOLAR MD SS8008 IS THE FIRST ENERGY STORAGE SYSTEM WITH SOLAR MD ADVANCED BMU AND BMS TECHNOLOGY INTEGRATED WITH MAJOR INVERTER BRANDS AS WELL AS LOGGER V2. THE SS8007 IS DESIGNED TO BE INSTALLED IN CONTAINERISED SOLUTIONS, AS WELL AS IN COMMERCIAL AND INDUSTRIAL OPERATIONS.

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

SS8007-HV CABINET

DIMENSIONS	684 X 1865 X 476mm
SS5102 MODULES	7 modules
MAXIMUM DISCHARGE	65kW
MAXIMUM CHARGING	65kW
MAXIMUM EFFICIENCY	98%
WEIGHT	637kg



E-Mail: support@solarmd.co.za

Phone: (0)21 555 2181

Web: www.solarmd.co.za

Address: Unit 23, Alternator Park 7 Alternator Avenue
Montague Gardens, 7441 Cape Town, South Africa

SOLAR MD STORAGE PRODUCTS

SS8007 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

	SS8007
Battery Type	Lithium Iron Phosphate (LiFePO4)
Rated Battery Capacity	71.68Wh
Output Power	Max 65kW
Usable Battery Energy @0.3C	71.68kWh
Nominal Voltage	716.8V
Number of Battery Modules	7 modules
Weight of per module	63kg
Operational Voltage	700-770 Vdc
Communication	CAN, RS485, ETH, RS232
Dimensions of SS8007(mm)	Width 476 x depth 684 x height 1865
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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