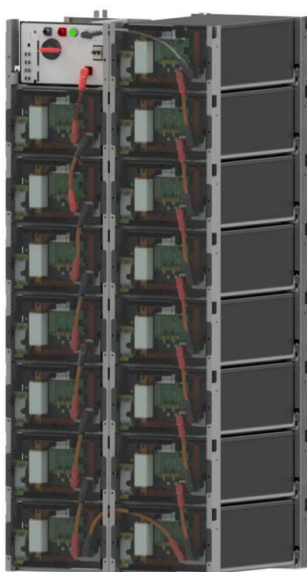


SOLAR MD STORAGE PRODUCTS



SS7014

SS7014 has been widely used in energy storage applications in the African market. The battery is produced with the world-leading CATL LiFePO4 technology.

BATTERY FEATURES

- ✓ Stable discharge platform
- ✓ Excellent safety
- ✓ Long life cycle
- ✓ High temperature performance
- ✓ High energy density
- ✓ High charge and discharge rate
- ✓ High efficiency
- ✓ No pollution

SS7014	
Cell chemistry	Lithium Iron Phosphate (LiFePO4)
Cell manufacturer	CATL
Rated capacity	143.0kWh
Nominal Power	100.0kW
Usable Battery Energy @0.3C	130.0kWh
Nominal Voltage	512V
Number of battery modules	10
Weight per module	115kg
Total weight	1220kg
Operational Voltage	448 - 556Vdc
Communication	CANBUS / RS485 / Ethernet
Dimensions W x D x H	848mm x 704mm x 1490mm
Cycle life @25°C	≥6000
Charging Efficiency	99%
Operational temperature	0°C to +50°C
Transport	UN3480 & UN38.3
Storage duration	6 months @25°C
Safety standard compliance	IEC 62619 / UN38.3 / UL1642
Cell certificate	TUV / CE / UL1642



✉ **E-Mail:** info@solarmd.co.za
☎ **Phone:** +27 (0)21 555 2181
🌐 **Web:** www.solarmd.com
📍 **Address:** Unit 23, Alternator Park, 7 Alternator Avenue, Montague Gardens, 7441 Cape Town, South Africa