

SS4083

8,3kWh Advanced LiFePO4 Battery











Guarantee on Product
Material & Workmanship









Energy Output
Warranty

Our SS4083 lithium iron phosphate battery system boasts a modular design which can be wall or floor mounted. You can easily scale its capacity by connecting multiple units in parallel, making it ideal for various applications.

Features

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

Applications

-  Off-Grid
-  Hybrid Inverter
-  Grid Tied
-  Charger Systems
-  Residential UPS Systems
-  Commercial UPS Systems



SS4083

Cell Chemistry	Lithium Iron Phosphate (LiFePO4)
Cell Manufacturer	CALB
Rated Capacity	8,3kWh
Nominal Power @0.7C	7,5kWh
Nominal Voltage	51,2V
Operational Voltage	44,8 - 55,6Vdc
Cycle Life @25°C	≥4000
Charging Efficiency	99%
Operational Temperature	-10°C to 50°C
Communication	CANBUS / RS485
Number of battery modules	1
Weight per module	70kg
Dimensions (W x D x H)	389mm x 183mm x 635mm
Storage Duration	6 months @25°C
Safety Standard Compliance	CE / EN 55016 / IEC 61000
Cell Certificate	IEC 62619 / UN38.3 / UN3480 / UL 1642 / UL 1973

Contact Us



021 555 2181



076 280 4053



Info@solarmd.co.za



solarmd.com