

## The Most Advanced Lithium Iron Phosphate Module

Store the Sun , Power Anytime™



**Suitable** for all types of Solar Inverters.



**Wall Mounted/ Floor Standing**  
Parallel Application  
16 Units



**High Capacity**  
Thanks to expandible  
and Simple Configuration



**Built in Bluetooth & Wifi**  
for Monitoring & Remote  
Maintenance



**5 Years Product Warranty**  
& Lifetime Free Services Warranty  
\*Terms & Conditions Apply

<b>Model</b>	SM-LFP-24100
<b>Rated Voltage</b>	25.6V
<b>Rated Capacity</b>	100Ah
<b>Rated Energy</b>	2.56kWh
<b>Combination Method</b>	8S1P
<b>Cycle Life</b>	≥6000 cycles @80% DOD
<b>Interface</b>	RS485, RS232 & CAN
<b>Efficiency of Charge</b>	≥97%
<b>Efficiency of Discharge</b>	≥98%
<b>Charge Voltage</b>	28.8V
<b>Charge Current (Recomm.)</b>	20A
<b>Charge Current (Max.)</b>	100A
<b>Discharge Cut-off Voltage</b>	20.0V
<b>Discharge Current (Recomm.)</b>	50A
<b>Discharge Current (Max.)</b>	100A
<b>Charge Temperature</b>	0°C to 60°C
<b>Discharge Temperature</b>	-20°C to 60°C
<b>Humidity</b>	5% to 95%
<b>Parallel Feature</b>	16
<b>Monitoring</b>	Bluetooth, Wifi
<b>Case Material</b>	Metal
<b>Dimensions (mm)</b>	535*375*145mm
<b>Weight (kg)</b>	± 28kg

See Performance Warranty Terms and the Standard Test Conditions "STC" for operative temperature and standard current.

All data is subject to change without prior notice; always ask SunMax for the most recent datasheet and manual before purchasing. No part of this document can be copied or reproduced without written permission of SunMax.



Color Touch LCD

Main Switch

Battery Terminals

Wifi Antenna

SOC LED

RS485  
CAN

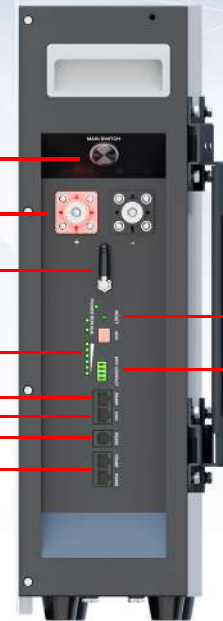
RS232

RS485 (Dual)

Wall Bracket

Reset Button

Dry Contact



## Accessories Includes



**DC Cables**  
1.5 Meter each



**Rawal Bolt**



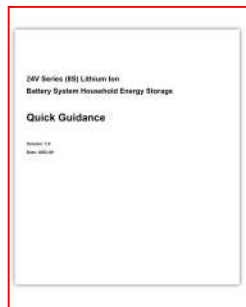
**BMS Cable**  
2 Meter



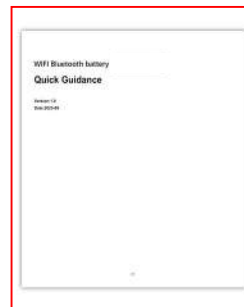
**Connector**



**Battery Terminal Cover**



**Battery Quick User Guide**



**Bluetooth & Wifi Quick User Guide**



**QC Certificate**