

## The Most Advanced Lithium Iron Phosphate Module

Store the Sun , Power Anytime™



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



**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-48300
<b>Rated Voltage</b>	51.2V
<b>Rated Capacity</b>	300Ah
<b>Rated Energy</b>	15.36kWh
<b>Combination Method</b>	16S1P
<b>Cycle Life</b>	≥6000 cycles @80%DOD
<b>Interface</b>	RS232, RS485 & CAN
<b>Efficiency of Charge</b>	≥97%
<b>Efficiency of Discharge</b>	≥98%
<b>Charge Voltage</b>	57.6V
<b>Charge Current (Recomm.)</b>	60A
<b>Charge Current (Max.)</b>	200A
<b>Discharge Cut-off Voltage</b>	43.2V
<b>Discharge Current (Recomm.)</b>	100A
<b>Discharge Current (Max.)</b>	200A
<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>	880*448*260mm
<b>Weight ( kg )</b>	± 118kg

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 SolarMax for the most recent datasheet and manual before purchasing. No part of this document can be copied or reproduced without written permission of SolarMax.



7 Inch Color Touch LCD



Dry Contact

Address Switch

RS485

CAN

RS232

Reset Button

RS485 Dual

Battery Terminals  
Wifi Antenna

**Accessories Includes**



**DC Cables**  
1.5 Meter each



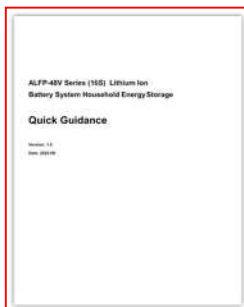
**Battery Terminal Cover**



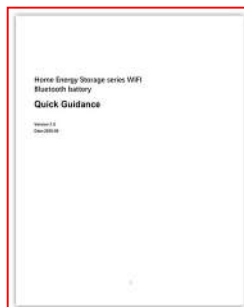
**BMS Cable**  
2 Meter



**Connector**



**Battery Quick User Guide**



**Bluetooth & Wifi Quick User Guide**



**QC Certificate**