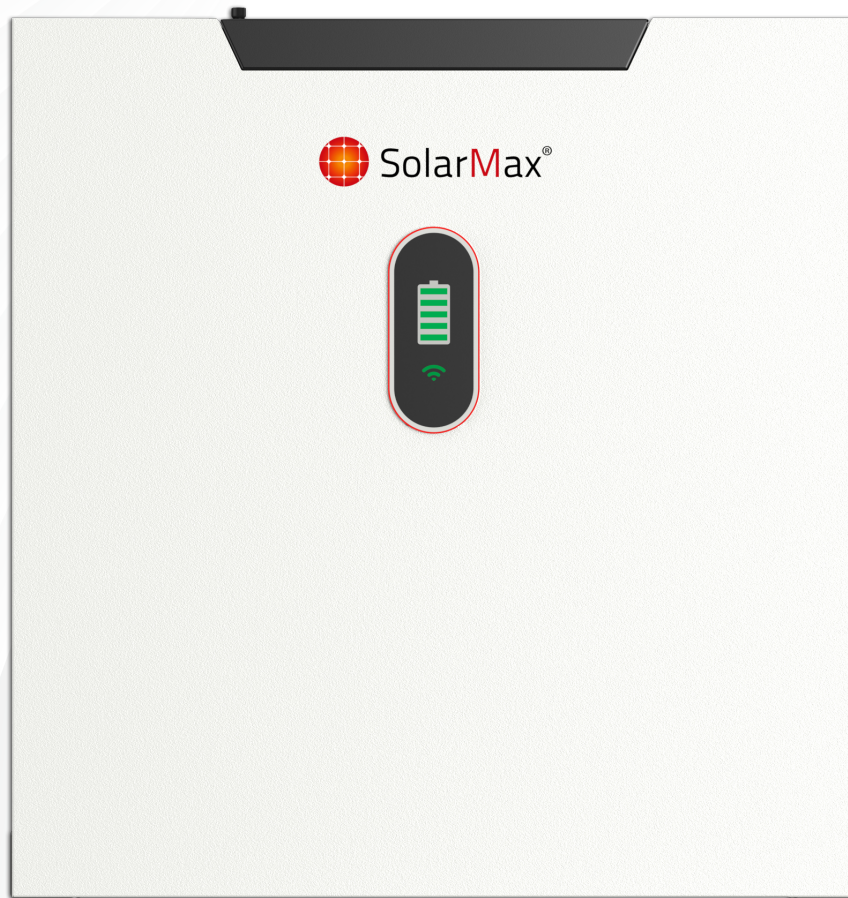


The most advanced Lithium Iron phosphate Module
For home and industrial energy storage systems



One product suitable for
Low Voltage **44.8V – 57.6V**
Inverters.



**Wall Mounted, floor
mounted, Stackable,**
parallel application.



High Capacity thanks
to expandable and simple
configuration.



Built in Wifi for
Monitoring & Remote
Maintenance.



5 Year Parts/Replacement
Warranty & Lifetime Free
Service Warranty

*Terms & Conditions Apply



Download on the
App Store



Google Play

Model	SM-LFP-5.12K
Battery System Capacity (kWh)	5.12 kWh
Single Module Nominal Voltage (V)	51.2 V
Application	Low Voltage
Parallel Application	Up to 15 Packs (follow the parallel procedure)
Cluster Net Capacity	76.8kwh per LV System
BMS Voltage Range (V)	44.8V – 57.6V
Cell Capacity (Ah)	100
Charge / Discharge Current (A)	100
DoD% (Up to)	90%
Battery Protection	Over Charge/Over Discharge/Over Temperature/Over Current/Short Circuit
Communication Port	Can, RS485, RS232,
Remote Monitoring & Setting	Wifi, Bluetooth
Discharge Temperature /°C**	-20 ~ 55
Charge Temperature /°C**	0 ~ 55
IP Rating	IP20
Altitude (m)	<3000
Cycle Life	>6000 / 25°C SOH 80%
Features	Pre-Charge+Fuse LV+ Auto Contactor + BMS+ Multi BMS FW management
Installation	Wall Mounted/Floor Mounted/Stacked
Dimension (WxDxH mm)	556x576x154.5
Weight (Kg)	49KG
Certification	UN38.3

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

Il 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.