








# ES SERIES

## Rack Mount

### Features

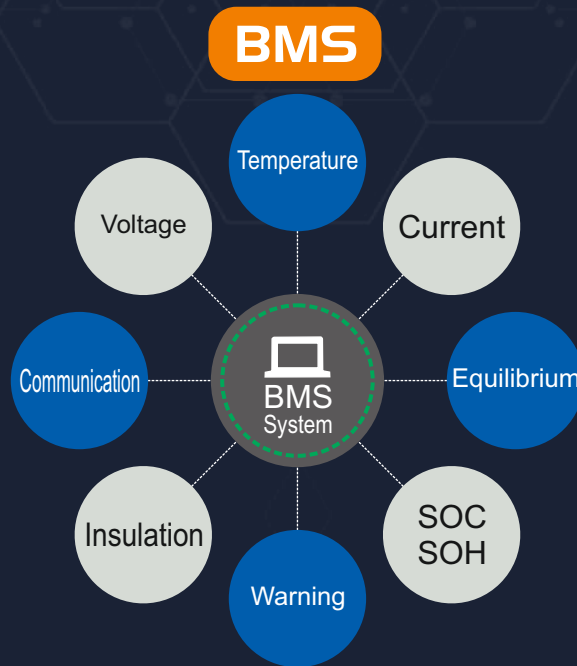
-  Smart Indicator
-  High Energy Density
-  High Efficiency Cells
-  Space Saving Design
-  Less Weight
-  ECO Friendly
-  Zero Maintenance
-  High Battery Life
-  Fast Charging\*
-  Compatible for Solar Charging
-  Low Self Discharge

### Protections

-  Overload
-  Short Circuit
-  Battery Deep Discharge
-  Battery Over Charge
-  Over Temperature

### Applications

-  UPS
-  Inverter
-  Solar Energy



## Technical Specification\*

MODEL	INV-LFP-5.0-R1-48V	INV-LFP-10.0-R1-48V
MODULE VOLTAGE	48V	48V
MODULE CAPACITY	100 AH	200 AH
MODULE CONFIGURATION	15S-IP	15S-IP
MODULE CHARGING VOLTAGE	54 V	54 V
MODULE DISCHARGING VOLTAGE	41.25 V	41.25 V
MAX. CHARGE CURRENT (0.5C)	50 A	100 A
MAX. DISCHARGE CURRENT (1C)	100 A	200 A
PEAK CURRENT (10 SEC - 1.2C)	120 A	240 A
MODULE	4.8 kWh	9.6 kWh
OPERATING TEMPERATURE	-5 TO 65°C	-5 TO 65°C
STORAGE TEMPERATURE	25°C	25°C
COMMUNICATION METHOD	RS485/CAN	RS485/CAN
BATTERY CYCLE (80% DOD)	<4500* CYCLES	<4500* CYCLES
PROTECTION CLASS	IP54	IP54
DIMENSION	W 475 x D 480 x H 177 MM	W 625 x D 690 x H 188 MM
WEIGHT	50 KG ( Approx.)	90 KG ( Approx.)

\*Subject to change without prior intimation