LiFe 30-48

Lithium Ferro Phosphate

48V - 30Ah

Electrical Specifications

Nominal Voltage	48 V
Nominal Capacity @25°C , 0.2C	30 Ah
Working voltage range	42 to 54 V
Recommended charging voltage	53,5 to 54 V
Recommended charging current	Max. 10A
Max. continue discharge current	30A
Max. peak discharge current	33A for 30 sec
Discharging Cut-off voltage	42 V

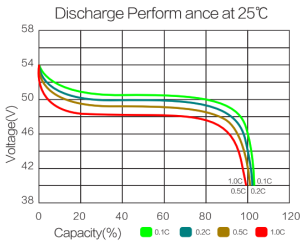
Innovative Features

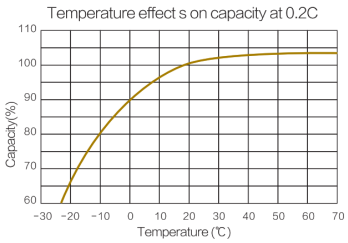
- RS232, RS485 communication output for monitoring
- Built-in BMS with charging current limitation
- Built-in automatic protection for over-charge, over-discharge and over-temperature conditions
- State of charge and state of health indication
- Built-in battery control for efficient operation
- Internal cell balancing
- Compatible with standard Telecom rectifiers and Energy storage systems
- DO interface for customized dry contact signal
- PRO interface for upgrading BMS-firmware
- Customized BMS fuction and parameters
- Maintenance free

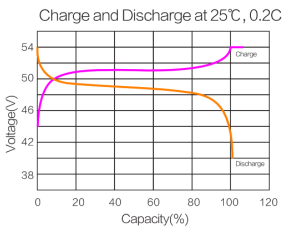
Other Specifications

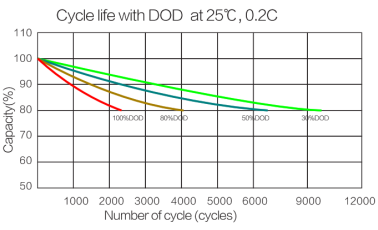
Cycle life (@20°C 0.2°C 80%DOD)	>= 4000 cycles
Dimensions LxWxH/mm (± 2mm)	442x360x88
Operating temperature (Discharge)	-30 ℃ to 60 ℃
Operating temperature (Charge)	-20 ℃ to 60 ℃
Storage temperature	-5 ℃ to 55 ℃
Storage duration	12 mo +20 ℃
Round trip efficiency (%)	> 98 %
Terminal	DSTB8-2-2-M5
Weight (kg)	21(±0,2) kg
Safety standard on cell level	UL1642

Graphics









Revision: EN2019/10-0

Your Wing Dealer :

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BSOL Batteriesysteme GmbH	info@bsol.de	00 49 (0)2173 330 330
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