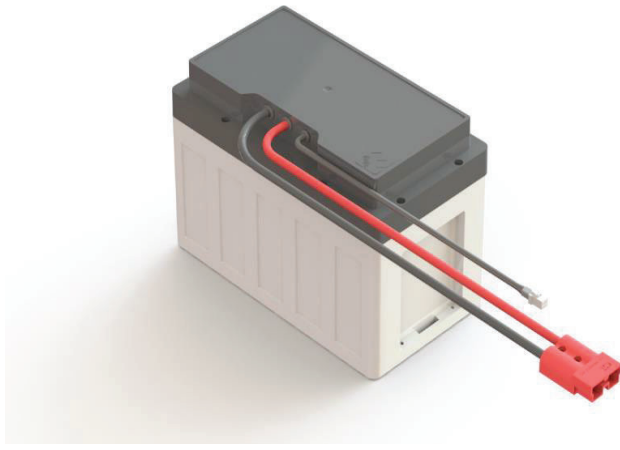


Lithium Ion Battery-48V28Ah LiFePO4



Electrical Characteristics

Rated Voltage	48V
Rated Capacity	28Ah
Resistance (ACIR 1KHz)	< 40 mΩ
Capacity (1C Discharge @ 25°C)	1300Wh
Cycle Life >2000 cycles	
Discharge capacity reaches 70% of rated capacity	
1C Discharge/0.5C Charge @ 25°C	

C-Rate	1C	
Temp.	Ah	%
-10°C	24	86%
-5°C	26	93%
0°C	27	97%
25°C	28	100%
45°C	28	100%

Mechanical Specifications

Model	BLPL0351608PA1-01
Length	318 mm
Width	178 mm
Height	220 mm
Weight	15 kg
Terminal	BMC2MS ^{#1}
Communication Interface	RS-485 ^{#2}
Case Material	PC-ABS
IP Rating	IP65

#1: Can follow customer designated.

#2: Could be customized.

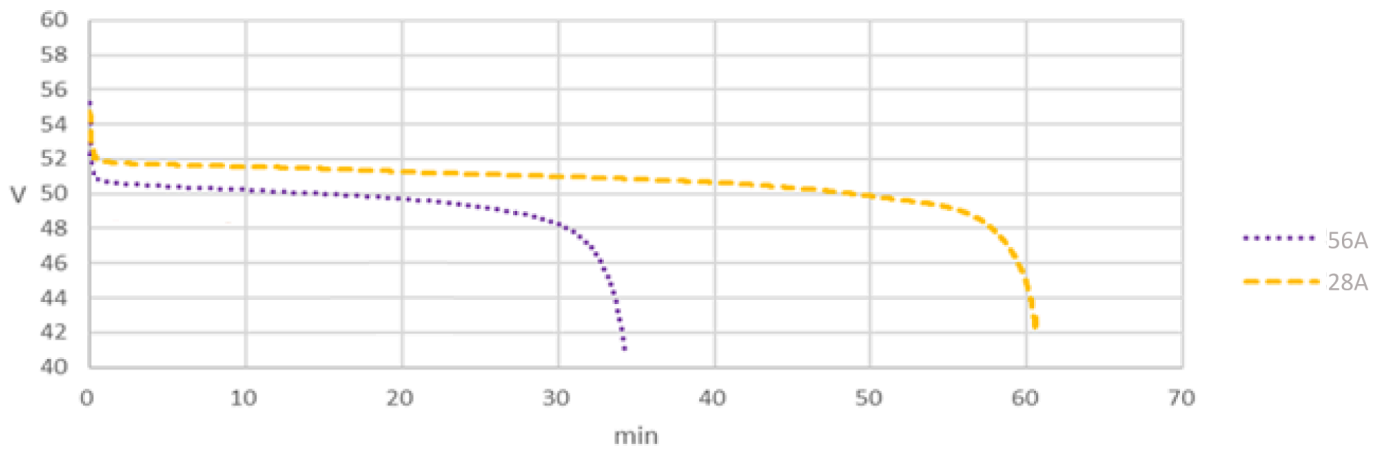
Operation Practices

Standard charge parameter	CC-CV
Standard charging voltage	57.6V
Standard charging current	14A
Max. continuous charging current	28A
Standard discharge current	28A
Max. continuous discharging current	56A
Max. instantaneous discharge current (Peak < 150ms)	200A
Charge environment	-10°C ~ 45 °C
Discharge environment	-10°C ~ 45 °C
Storage environment	-10°C ~ 45 °C

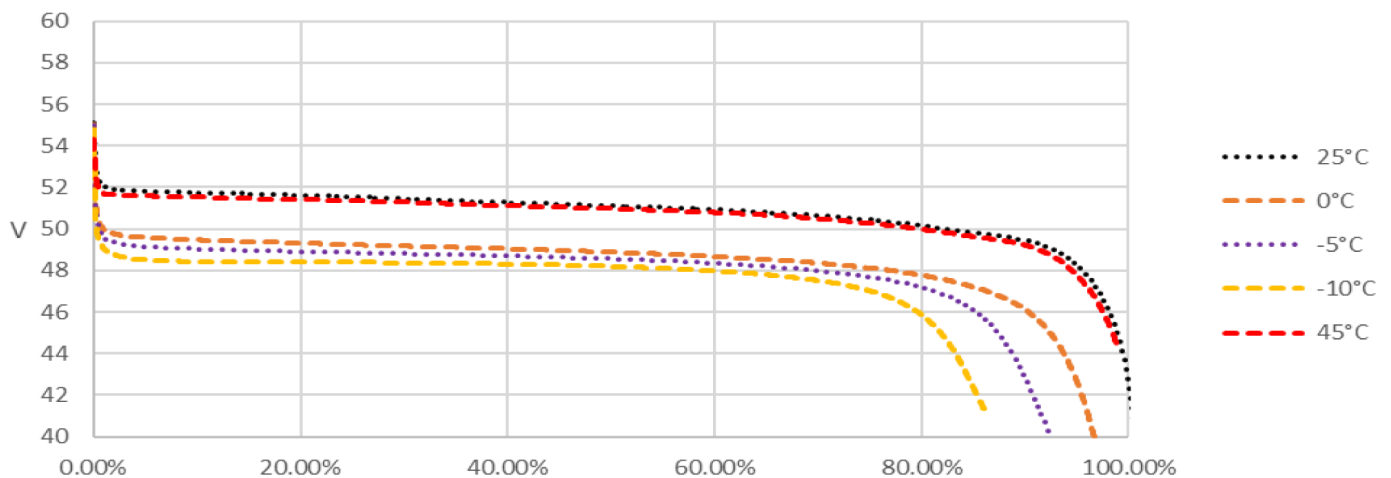
We reserve the right to change designs, specifications and pricing at any time without notice or obligation. It is the responsibility of the reader of this information to verify any information presented herein.

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Discharge Curve at different Current
 until BMS cut-off @ 25°C



Discharge Curve at different temperature
 1C discharge until BMS cut-off



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