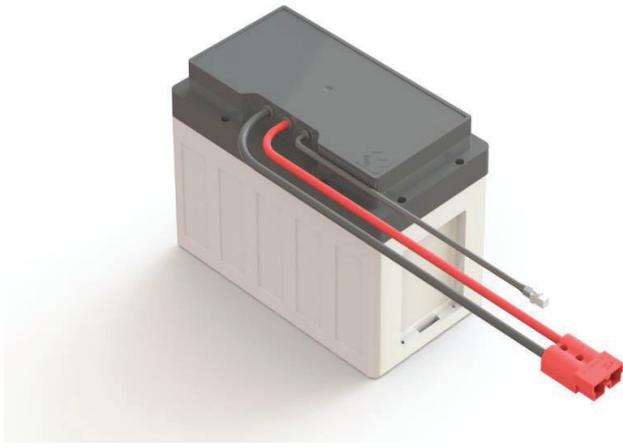


# Lithium Ion Battery-48V28Ah LiFePO4



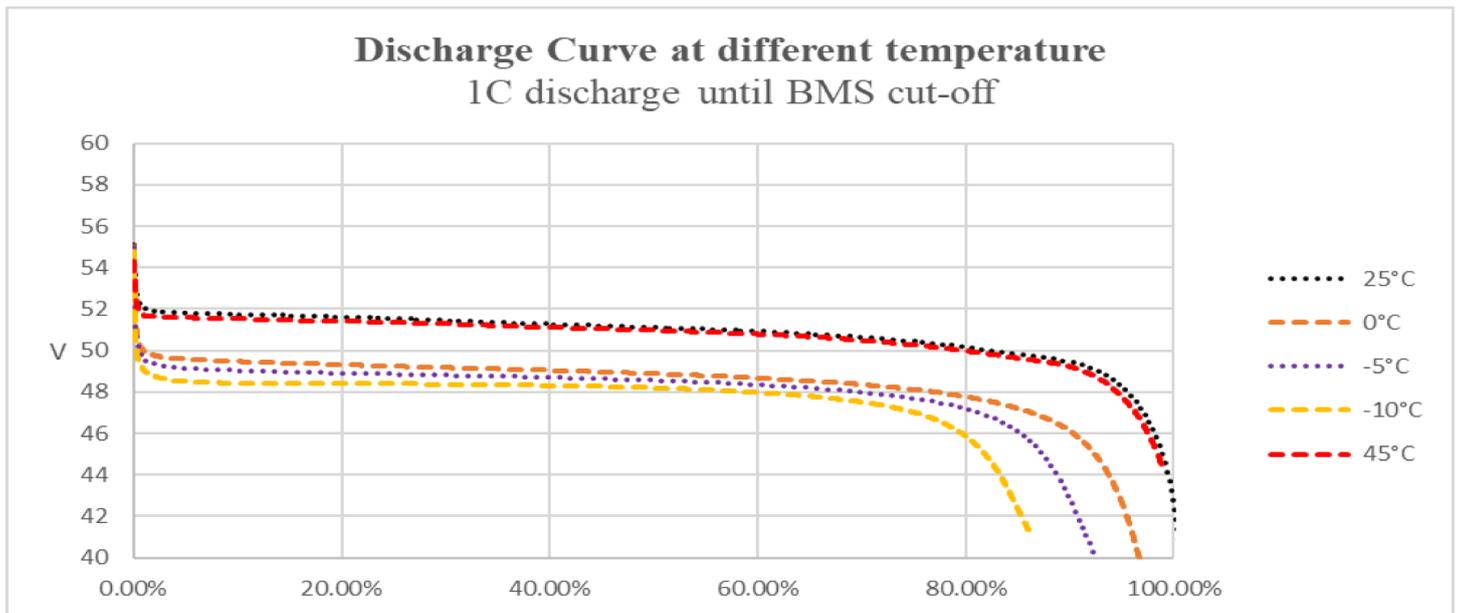
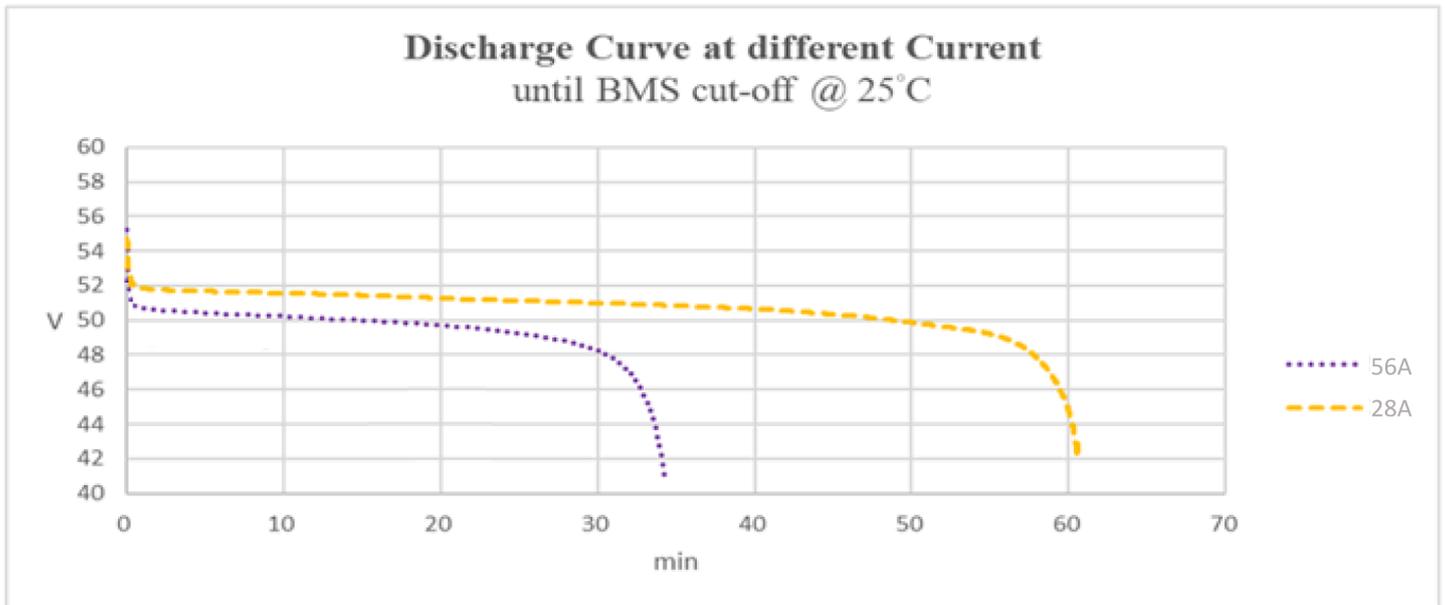
Electrical Characteristics	
Rated Voltage	48V
Rated Capacity	28Ah
Resistance (ACIR 1KHz)	< 40 mΩ
Capacity (1C Discharge @ 25°C)	1300Wh
Cycle Life >2000 cycles Discharge capacity reaches 70% of rated capacity 1C Discharge/0.5C Charge @ 25°C	

C-Rate	1C	
	Ah	%
Temp.		
-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 <sup>#1</sup>
Communication Interface	RS-485 <sup>#2</sup>
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

powered by bluetechno



Powered by :

bluetechno co., ltd. [General agent] Taiyo Sangyo Trading & Marine Service LTD

Address : 1-7-8 Hino, Kounan-ku, Yokohama-shi, Kanagawa-ken, Japan 〒234-0051

Tel : +81-45-846-6300

E-mail : machine@tst-japan.com