



## Product Introduction

Godsend's 3.2V 16Ah LFP battery cell is designed with high rate capability up to 20C. GSF46160P-16 is widely applied in electrical vehicle, hybrid electrical vehicle, electrical motorcycle, special electrical vehicle, domestic mobile power etc.

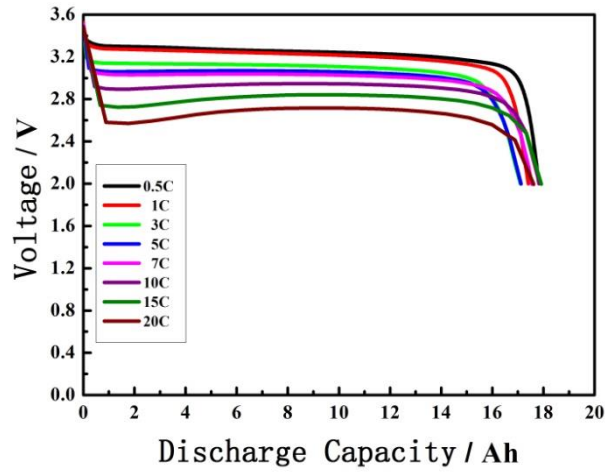
## Specifications

Item	Specification
Model	GSF46160P-16
Rated capacity	16Ah
Rated voltage	3.2V
Standard charge current	1C (16A)
Max. continuous discharge current	15C (240A)
Max. instant discharge current	20C (320A)
Impedance	$\leq 1.3\text{m}\Omega$
Weight	555 $\pm$ 10g
Dimensions	Height: 178 $\pm$ 1mm Diameter: 46 $\pm$ 0.5mm
Operating temperature	Charge: -20~45°C Discharge: -20~60°C
Storage temperature	-10~35°C

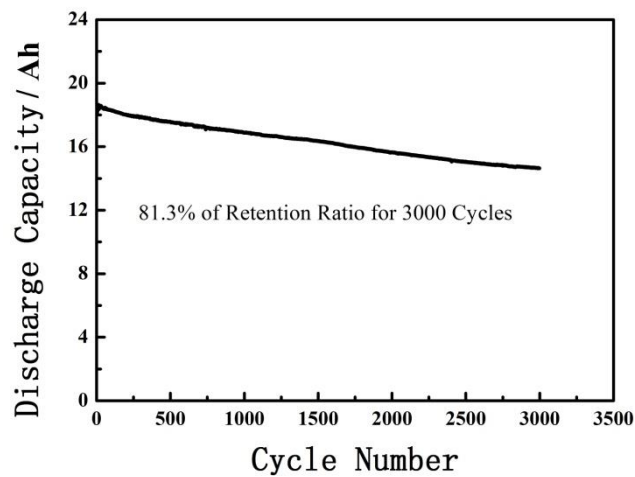
## Characteristic

- High power output
- Wide working temperature range
- Safety secure by over charge, over discharge, short circuit, mechanical shock and etc.
- Can be cycled in high-rate partial state of charge
- Excellent calendar and cycle life
- With our BMS, it can be charged under -20°C

## Product Performance



Discharge Rate Curves in Room Temperature



Cycle Life in 1C/1C Charge/Discharge Rate with 100% DOD in Room Temperature