

## Specifications for 38140S 12Ah lifepo4 battery

No.	Items		Data
3-1	Rated capacity		12000mAh (0.5c)
3-2	Rated voltage		3.2V
3-3	Internal resistance		$\leq 6\text{m}\Omega$
3-4	Max. charging current		2C (24A)
3-5	Max. charging voltage		$3.65 \pm 0.05\text{V}$
3-6	Max. continuous discharging current		3C (36A)
3-7	Max. discharging current pulse		10C(120A)
3-8	Max. discharging voltage		2.0V
3-9	Dimensions	Diameter	$38 \pm 1\text{mm}$
		Total height	$142 \pm 1\text{mm}$
3-10	Weight		Approx.386g
3-11	Working temperature	Charged	0~45°C
		Discharged	-20~65°C
3-12	Storage temperature	Within one month	-20~45°C
		Within six months	-20~35°C

\*the battery should be kept half or full charged with voltage of 3.2~3.3V

### Size drawing:



HW 38140S

38140S discharging and charging curve at 1C

38140S (12Ah) 1C充放曲线图

