

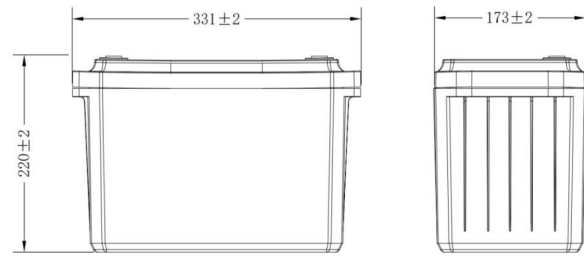
LITHIUM T-LFP (12.8V100Ah)

Parameter Chart

Rated voltage	12.8	V
Rated capacity (25°C)	100	Ah
Series & Parallels	4 ~ 1	S/P
Voltage range	9.2 ~ 14.6	V
Rated energy	1280	Wh
Max. discharge current	100	A
Max. charge current	100	A
Discharge cut-off voltage	≥ 9.2	V
Charge voltage	14.6	V
Cycle life (@25°C, 100%DOD)	≥ 3000	Cycle
Float voltage	13.6 ~ 13.8	V
Operating humidity	60 ± 25%	R.H.
Certified	CE/UN38.3	
Communication	/	
Total weight	Approx. 10.10	kg (± 0.6)
Operating temperature	Charging 0 ~ 45°C Discharging -10 ~ 50°C	

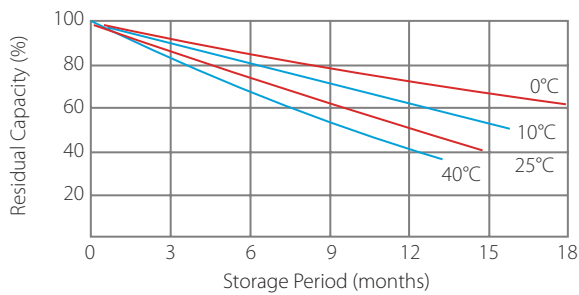


Plane Chart

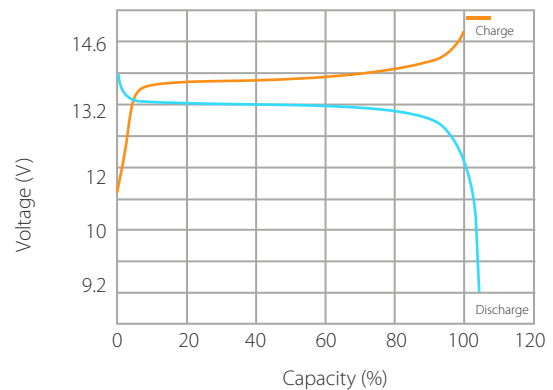


Product Size: 331 x 173 x 220 (mm)

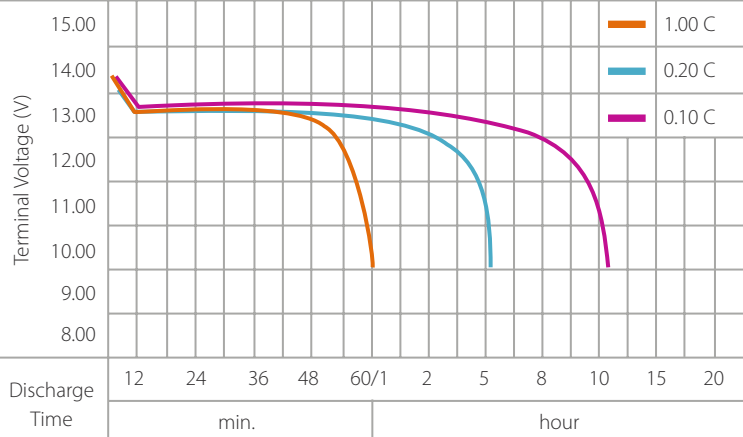
Residual capacity



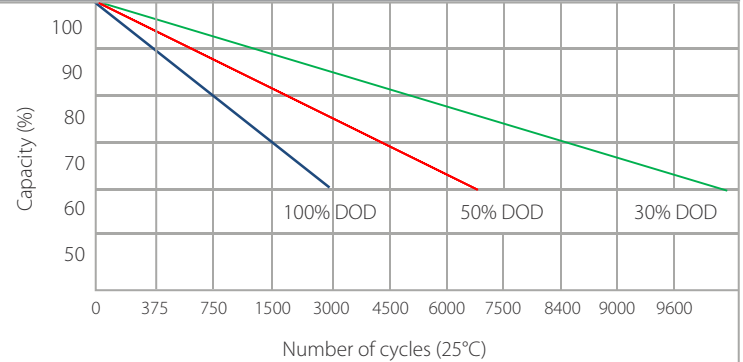
Constant Voltage Charging Characteristics



Discharge Current 25°C



Cycle Service Life In Relation To The Depth Of Discharge



Constant Current Discharge Characteristics (A, 25°C)

Time (h)	1.00	2.00	4.00	5.00	8.00	10.00	15.00	20.00
Current (A)	100.00	50.00	25.00	20.00	12.50	10.00	6.67	5.00

Constant Power Discharge Characteristics (Watt, 25°C)

Time (h)	1.00	2.00	4.00	5.00	8.00	10.00	15.00	20.00
Watt (W)	1280.0	640.00	320.00	256.00	160.00	128.0	85.33	64.00

Capacity Factors With Different Temperature

Discharge	-20	-10	0	10	20	25	30	40	50	55	60
	30%	50%	75%	90%	100%	100%	100%	98%	97%	96%	95%