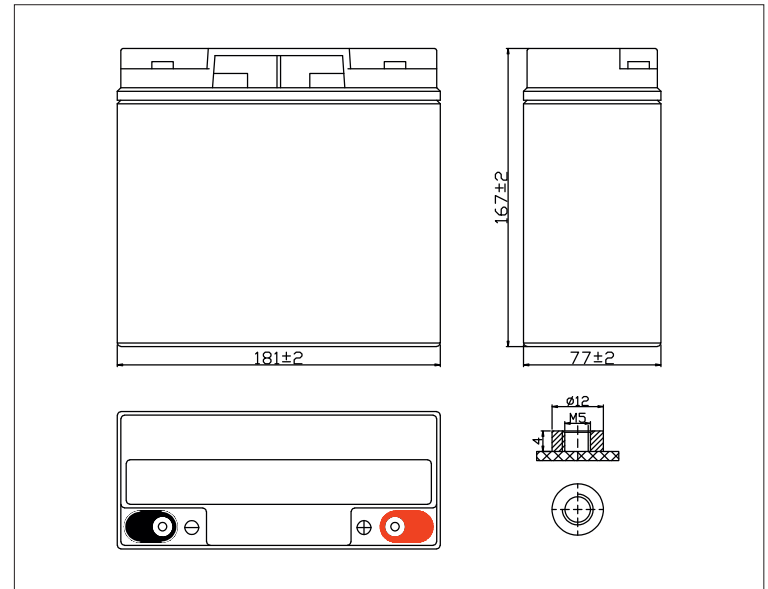


SPECIFICATIONS

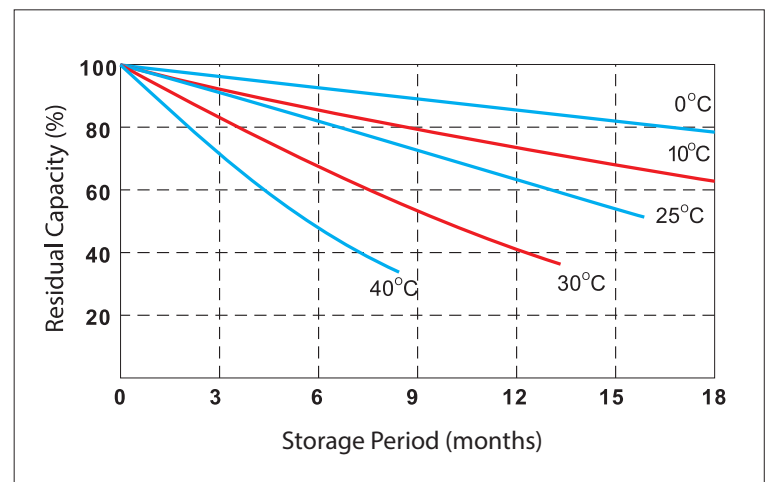
Volts	12V	
Capacity (25°C)	20 hours rate (0.9A)	18Ah
Discharge current testing (25°C)	20 I ₂₀ rate (18A, 27min)	30min
	60 I ₂₀ rate (54A, 7min)	7min
Internal resistance	Full charged battery 25°C	18mΩ
Capacity affected by temperature	40°C	104%
	25°C	100%
	0°C	83%
	-15°C	65%
Residual capacity (25°C)	Capacity after 3 months storage	91%
	Capacity after 6 months storage	82%
	Capacity after 12 months storage	65%
Charge (Constant voltage)	Cycle (25°C)	Initial charging current less than 5.4A Voltage 14.5 ~ 14.9V
	Float (25°C)	Charge voltage 13.6 ~ 13.8V
Weight (Approx)	5.0kg	

PLANE CHART

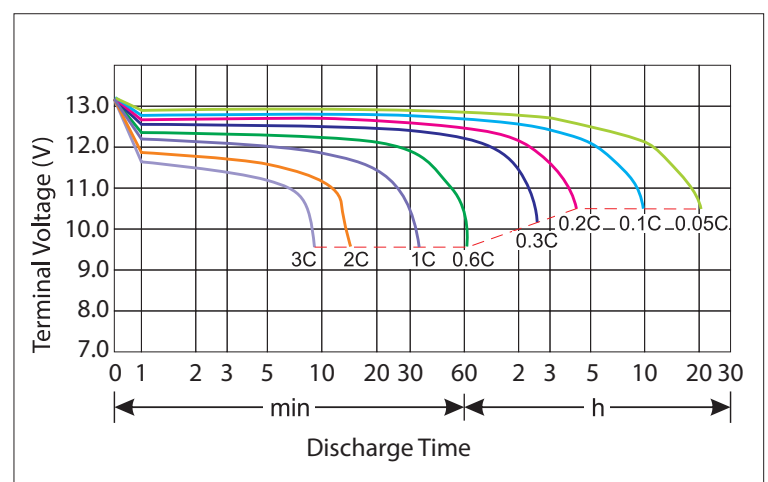
Unit: (mm) Terminal Type: (T8)



RESIDUAL CAPACITY



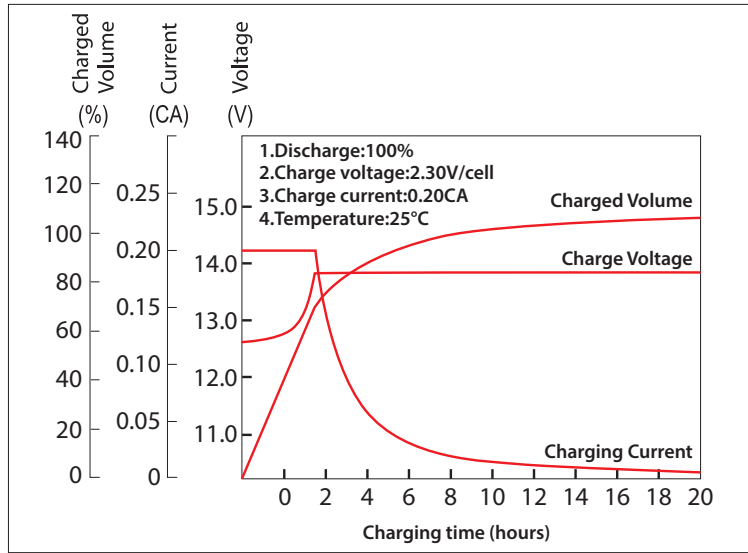
DISCHARGE CURRENT 25°C



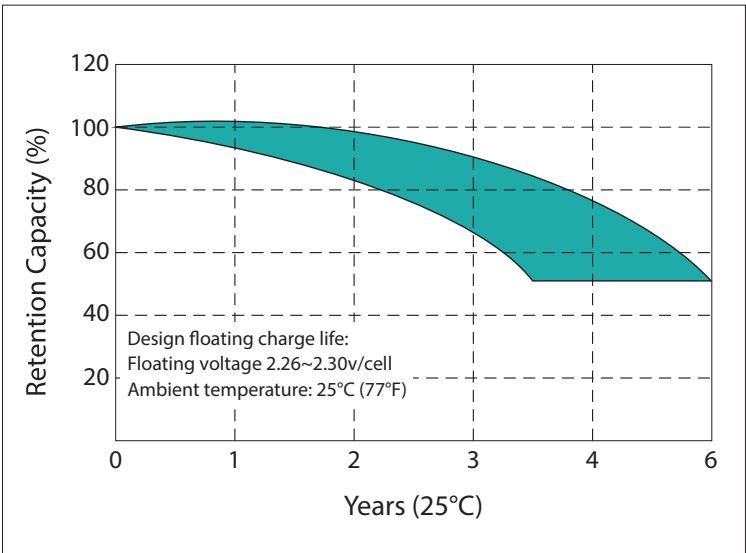
APPLICATIONS

- General purpose
- Uninterruptable power supplies (UPS)
- Emergency power supplies
- Emergency lightning
- Household electrical appliances

CONSTANT VOLTAGE
CHARGING CHARACTERISTICS



FLOAT LIFE



CONSTANT CURRENT DISCHARGE CHARACTERISTICS (A, 25°C)

F.V/Time	5min	10min	15min	30min	60min	2h	3h	5h	8h	10h	20h
9.60V	63.8	40.2	29.8	18.2	10.6	6.2	4.55	2.95	2.03	1.71	0.92
10.2V	57.3	37.1	27.9	17.4	10.2	6.1	4.50	2.86	1.98	1.68	0.91
10.5V	54.2	35.6	26.8	16.8	9.9	6.0	4.36	2.78	1.95	1.66	0.90
10.8V	51.3	33.9	25.5	16.5	9.6	5.9	4.25	2.71	1.91	1.62	0.88

CONSTANT POWER DISCHARGE CHARACTERISTICS (Watts/Block,25°C)

F.V/Time	5min	10min	15min	30min	60min	2h	3h	5h	8h	10h	20h
9.60V	689.0	438.2	227.8	203.8	122.0	71.3	52.8	34.5	24.0	20.3	10.9
10.2V	630.3	411.8	312.5	196.6	116.3	70.2	52.2	33.5	23.4	19.7	10.8
10.5V	601.6	398.7	302.8	191.5	113.9	70.2	51.0	32.8	23.2	19.6	10.7
10.8V	574.6	383.1	290.7	189.8	110.4	69.0	49.7	32.0	22.7	19.2	10.4

CAPACITY FACTORS WITH DIFFERENT TEMPERATURE

Battery type		-20°C	-10°C	0°C	5°C	10°C	20°C	25°C	30°C	40°C	45°C
Battery	12V	50%	70%	83%	85%	90%	98%	100%	102%	104%	105%