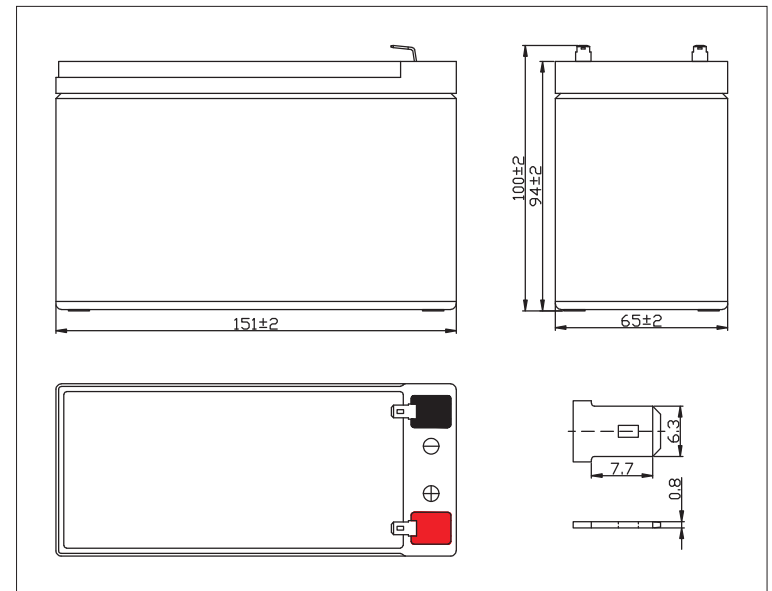


SPECIFICATIONS

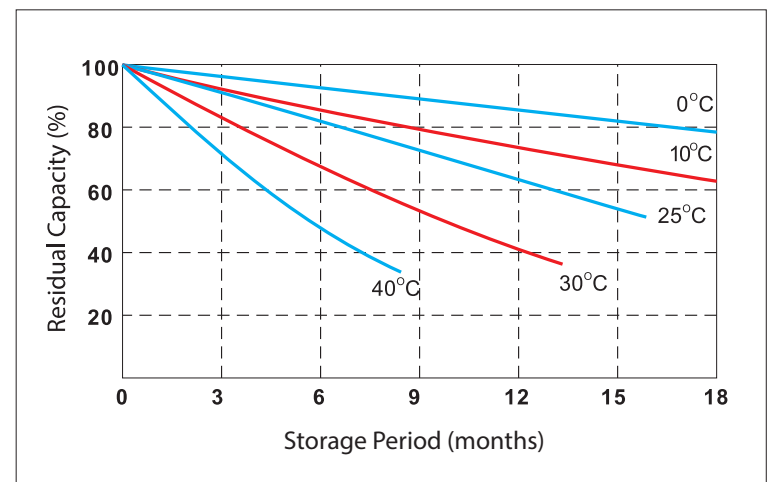
Volts	12V	
Capacity (25°C)	20 hours rate (0.35A)	7Ah
Discharge current testing (25°C)	20 I ₂₀ rate (7A, 27min)	34min
	60 I ₂₀ rate (21A, 7min)	8min
Internal resistance	Full charged battery 25°C	28mΩ
Capacity affected by temperature	40°C	104%
	25°C	100%
	0°C	83%
	-15°C	65%
Residual capacity (25°C)	Capacity 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 2.1A Voltage 14.5 ~ 14.9V
	Float (25°C)	Charge voltage 13.6 ~ 13.8V
Weight (Approx)	2.09kg	

PLANE CHART

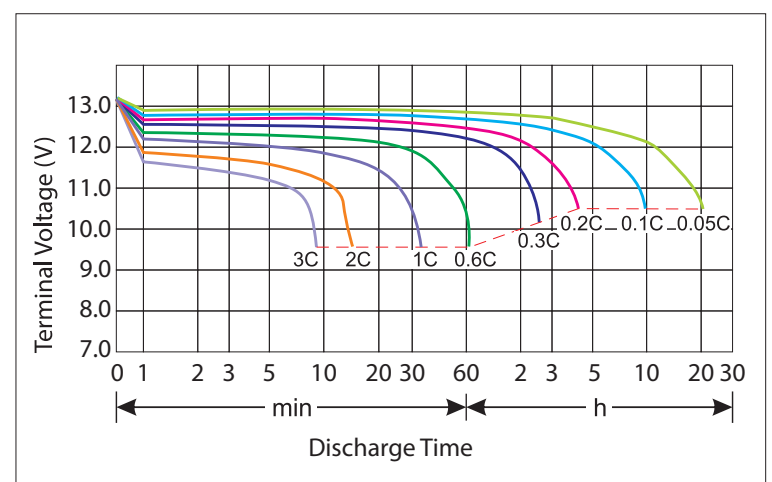
Unit: (mm) Terminal Type: (F2)



RESIDUAL CAPACITY



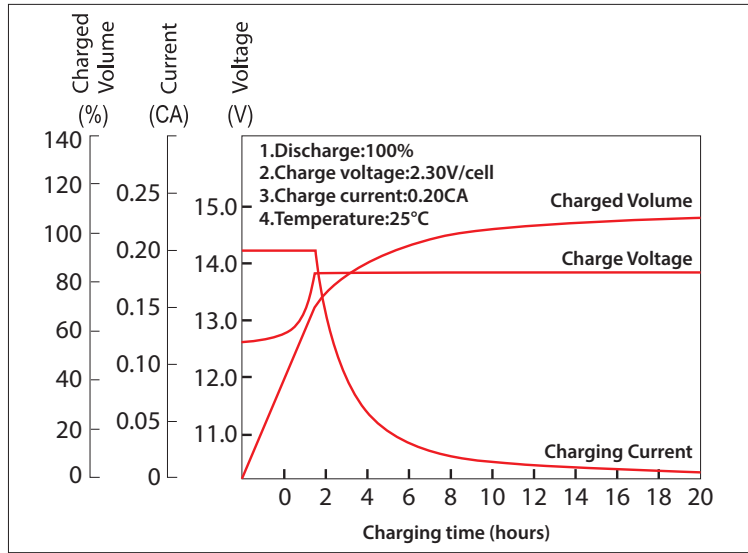
DISCHARGE CURRENT 25°C



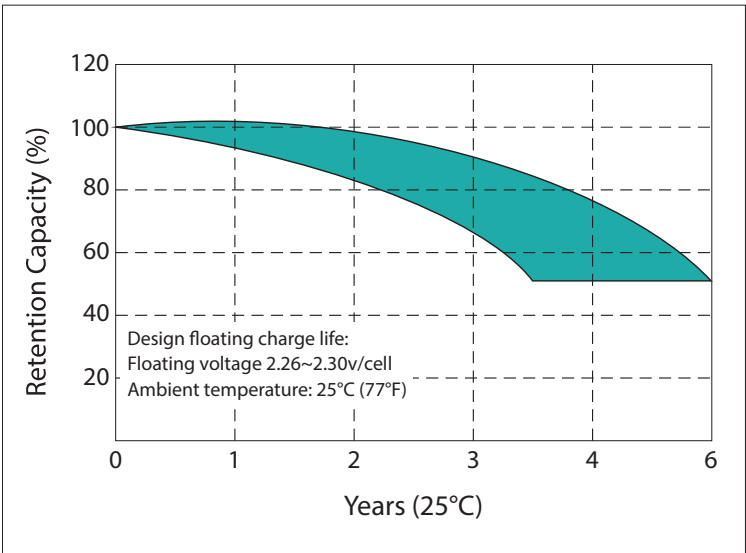
APPLICATIONS

- 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	25.2	16.7	12.6	7.35	4.36	2.42	1.73	1.18	0.77	0.69	0.36
10.2V	22.1	15.4	11.8	7.12	4.21	2.35	1.71	1.16	0.76	0.68	0.35
10.5V	20.6	14.7	11.3	6.95	4.12	2.33	1.69	1.14	0.75	0.67	0.35
10.8V	19.3	11.3	10.6	6.68	4.02	2.30	1.67	1.12	0.74	0.66	0.34

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

F.V/Time	5min	10min	15min	30min	60min	2h	3h	5h	8h	10h	20h
9.60V	272.2	182.0	138.6	82.3	49.7	27.8	20.07	13.81	9.04	8.13	4.27
10.2V	243.1	170.9	132.2	80.5	48.0	27.0	19.84	13.57	8.93	8.01	4.16
10.5V	228.7	164.6	127.7	79.2	47.4	27.2	19.77	13.45	8.89	7.96	4.17
10.8V	216.2	127.7	120.8	76.8	46.2	26.9	19.54	13.22	8.77	7.85	4.05

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%