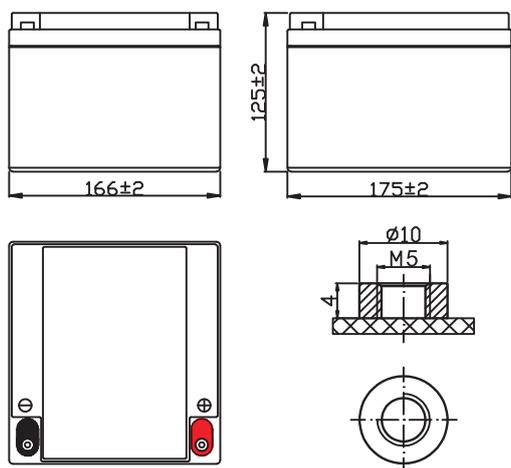


MODEL: OT26-12/W

Parameter

Rated Voltage	12V	
Nominal Capacity(25°C)	26Ah(C ₂₀ , 10.5V)	
Dimension	Length	175±2mm(6.89 inch)
	Width	166±2mm(6.54 inch)
	Container Height	125±2mm(4.92 inch)
	Total Height	125±2mm(4.92 inch)
Weight±3%	8.05Kg(17.75 lbs)	
Terminal	T0/M5	
Container Material	ABS	
Rated Capacity(25°C)	22.30Ah	(5HR, 4.46A, 10.5V)
	19.95Ah	(3HR, 6.65A, 10.2V)
	15.80Ah	(1HR, 15.80A, 9.6V)
Full charged Internal Resistance(25°C)	Approx. 15mΩ	
Operating Temp. Range	Discharge	-20°C~50°C(-4°F~122°F)
	Charge	-20°C~40°C(-4°F~104°F)
	Storage	-20°C~40°C(-4°F~104°F)
Nominal Operating Temp. Range	25±3°C(77±5°F)	
Max. Charging Current(25°C)	5.4A	
Charge Voltage(25°C)	Cycle	14.5~14.9V
	Temp. Coefficient	-30mV/°C
	Float	13.6~13.8V
	Temp. Coefficient	-18mV/°C
Self Discharge(25°C)	≤3% per month	
Design service life(25°C)	10 years	

Plane Chart:


Unit:(mm)

Constant Current Discharge Characteristics (A, 25°C)

F.V./Time	5min	10min	15min	20min	30min	1h	2h	3h	4h	5h	8h	10h	20h
9.60V	87.9	58.5	45.2	35.0	26.5	15.8	8.80	6.85	5.35	4.58	3.08	2.52	1.40
10.02V	82.6	55.2	43.3	33.7	25.8	15.5	8.72	6.70	5.27	4.54	3.04	2.49	1.39
10.20V	80.5	54.5	42.6	32.8	25.6	15.3	8.68	6.65	5.21	4.52	3.02	2.48	1.38
10.50V	75.2	52.2	41.0	31.6	24.9	14.8	8.60	6.58	5.14	4.46	2.98	2.45	1.36
10.80V	69.6	48.6	40.1	30.4	24.2	14.3	8.52	6.50	5.08	4.40	2.95	2.42	1.33

Constant Current Discharge Characteristics (Watt, 25°C)

F.V./Time	5min	10min	15min	20min	30min	1h	2h	3h	4h	5h	8h	10h	20h
9.60V	923.0	615.4	493.6	385.0	297.9	178.5	101.6	79.8	62.9	54.0	36.5	30.0	16.8
10.02V	875.6	584.0	473.3	371.4	291.4	175.23	100.7	78.1	61.9	53.6	36.0	29.6	16.7
10.20V	854.2	579.3	466.5	365.8	289.3	172.9	100.3	77.5	61.2	53.3	35.8	29.5	16.6
10.50V	811.5	563.8	451.0	356.0	282.6	168.0	99.3	76.7	60.4	52.6	35.3	29.2	16.3
10.80V	768.3	536.7	443.8	345.4	275.9	163.0	87.4	75.7	59.7	51.9	35.0	28.8	16.0

★The above are average and data obtained from the first 3 charge/discharge cycles. These are not minimum values.

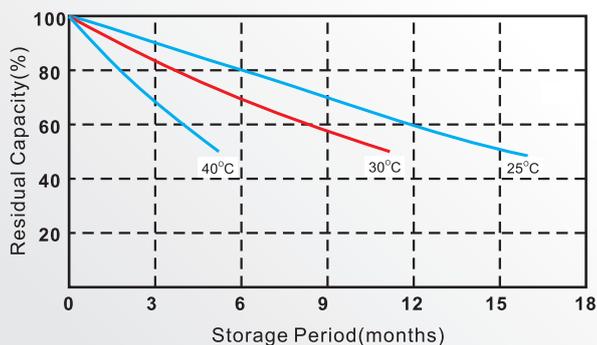
MODEL: OT26-12/W

Application scope

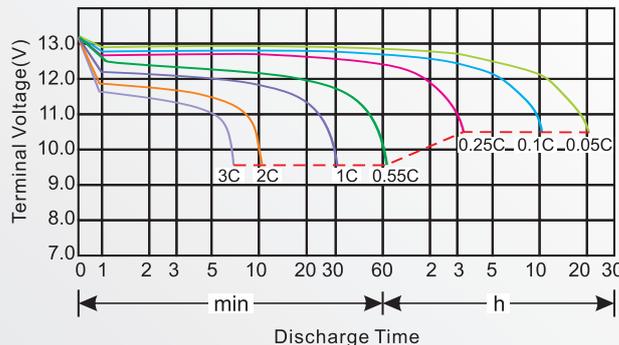
- Uninterruptable Power Supply(UPS)
- Industrial Process Control Facilities
- Data Network & Operation Centers
- Power supply system for electric tools
- Emergency Power Supply(EPS)
- Hospitals & Testing Laboratories
- Banks & Financial Markets
- Security alarm system



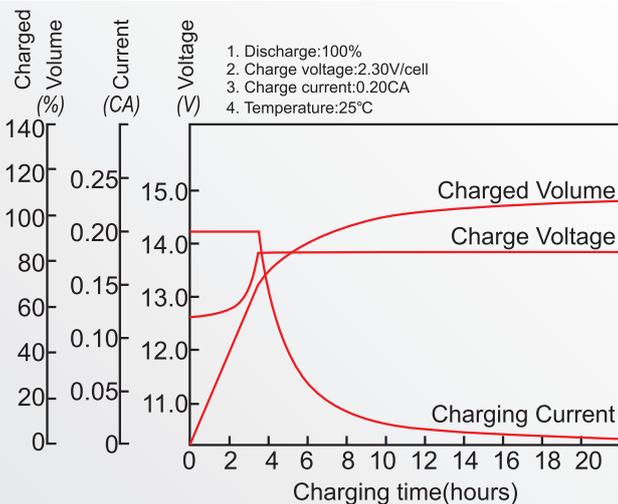
Residual Capacity



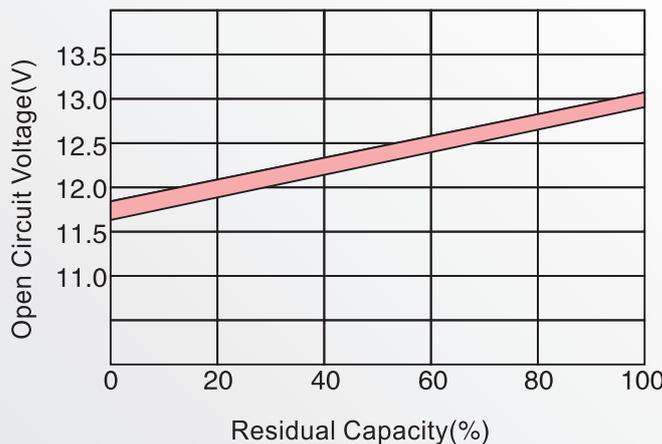
Discharge Current 25°C



Constant voltage charging characteristics



The relationship for OCV and Capacity 25°C



Capacity Factors With Different Temperature

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

★The above are average and data obtained from the first 3 charge/discharge cycles. These are not minimum values.

