Tescom®

CBL MODEL BATTERIES

INDUSTRIAL BATTERY-VRLA-AGM BATTERY

CBL12-75 (12V75Ah)

SPECIFICATIONS

Volts		12V	
Capacity (25°C)		10 hours rate (7.5A)	75Ah
Discharge current testing (25°C)		1 hours rate (41.2A)	43Ah
		3 hours rate (18.7A)	58Ah
Internal resistance		Full charged battery 25°C	6.2mΩ
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 22.5A Voltage 14.5 ~ 14.9V	
	Float (25°C)	Charge voltage 13.6 ~ 13.8V	
Weight (Approx)		22.9kg	

TR EN 60896-21/22

MH26866

ISO14001

ISO9001

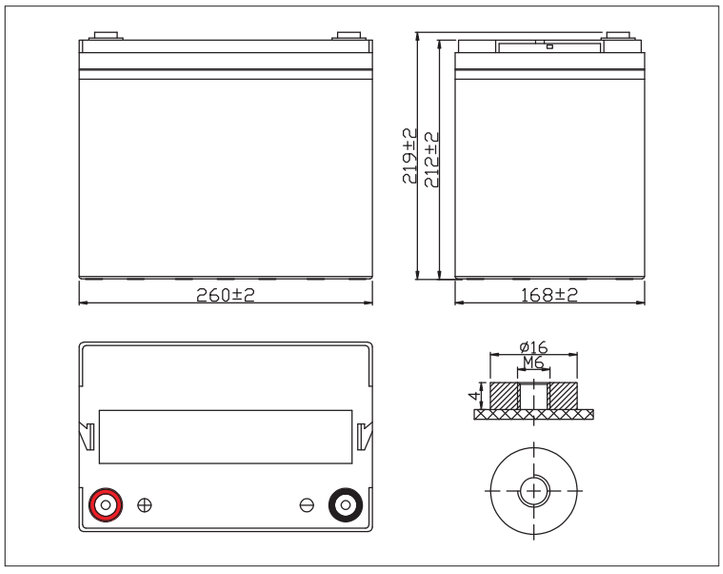
CE EMC tested

APPLICATIONS

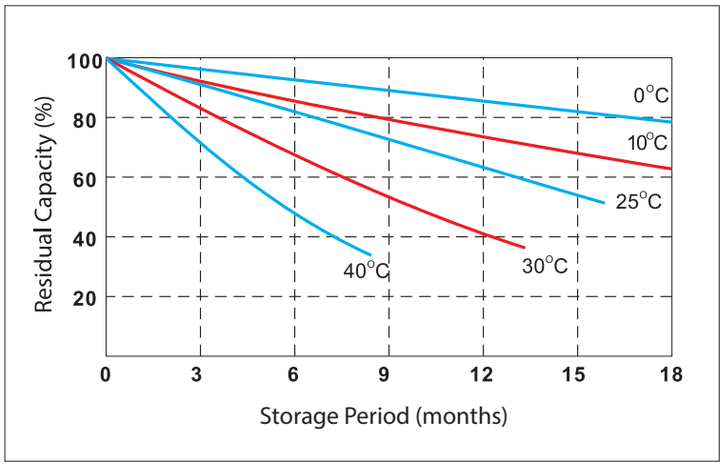
- General purpose
- Uninterruptable power supplies (UPS)
- Hospitals and testing laboratories
- Emergency power supplies
- Emergency lightning
- Industrial process control facilities
- Banks and financial markets
- Data and network operation centers
- Signalization and telecomunication
- DC power supplies
- Automation and control systems

PLANE CHART

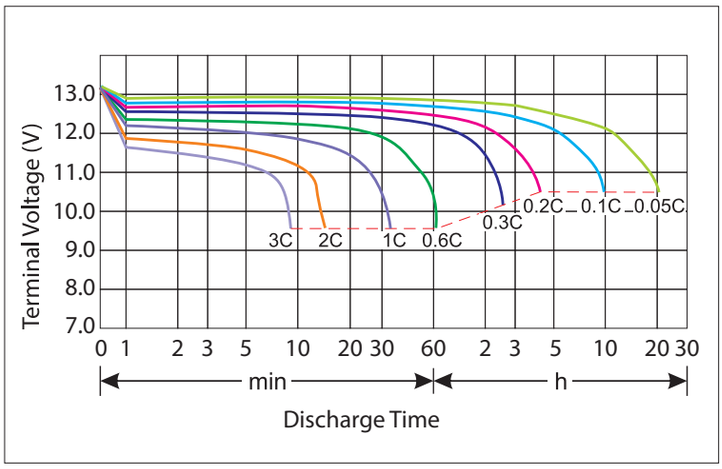
Unit: (mm) Terminal Type: (T1)



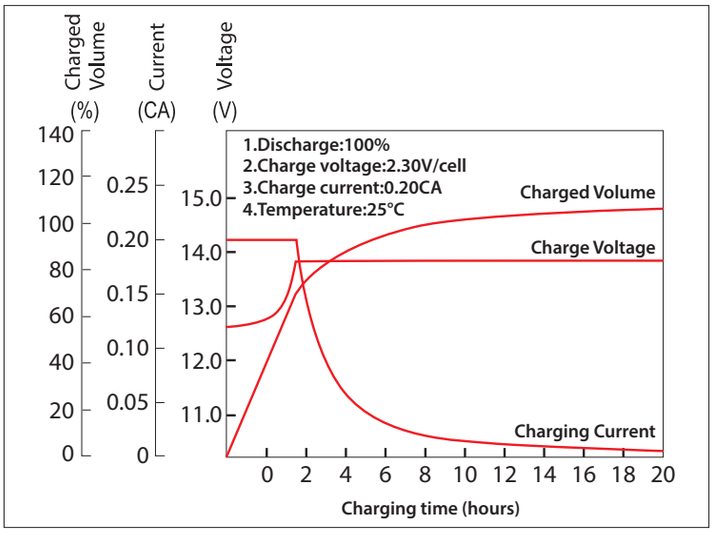
RESIDUAL CAPACITY



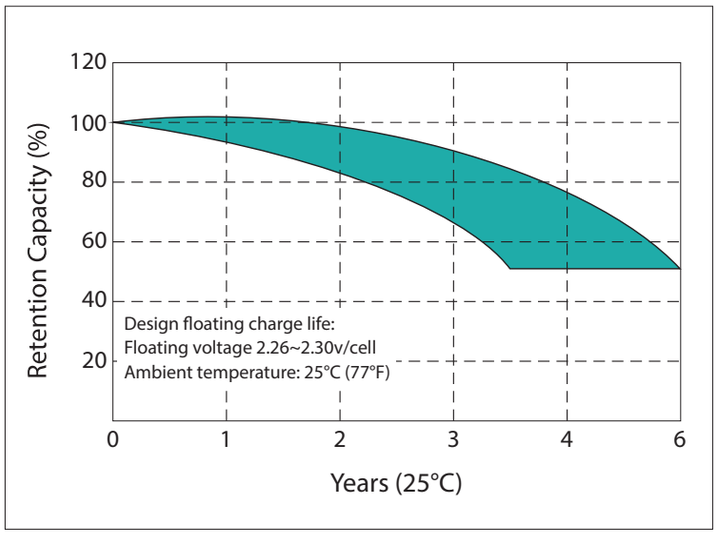
DISCHARGE CURRENT 25°C



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	236.5	158.3	124.2	78.2	42.5	26.4	19.1	12.8	8.8	7.6	3.9
10.2V	220.6	148.3	119.2	75.0	41.1	25.8	18.7	12.4	8.5	7.5	3.8
10.5V	209.2	140.0	116.2	73.1	39.5	24.8	18.2	12.1	8.2	7.5	3.8
10.8V	185.5	130.5	113.2	71.2	38.2	23.6	17.7	11.7	7.9	7.5	3.8

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

F.V/Time	5min	10min	15min	30min	60min	2h	3h	5h	8h	10h	20h
9.60V	2486.0	1704.4	1361.7	876.8	489.6	310.8	222.5	156.3	202.6	90.3	48.1
10.2V	2361.7	1605.5	1306.6	825.6	462.5	298.6	219.5	115.2	99.8	89.7	47.6
10.5V	2246.3	1495.6	1274.0	796.2	445.6	285.4	216.9	145.6	94.5	89.1	47.5
10.8V	2017.7	1385.5	1225.6	765.5	421.5	275.6	214.4	138.5	91.2	87.8	47.4

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%