RM12-26

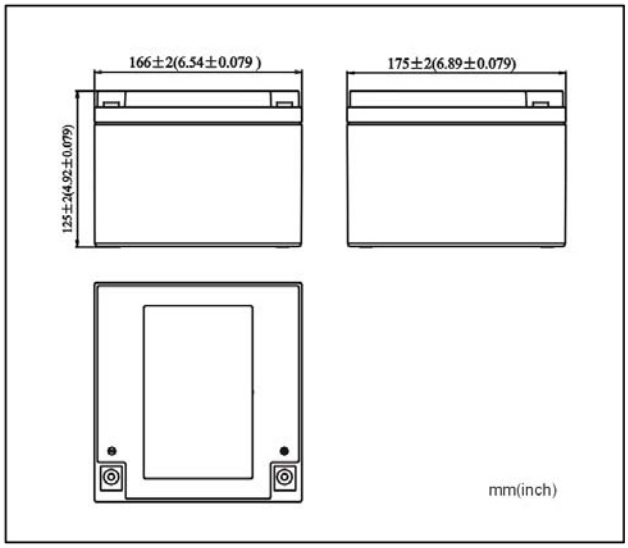
REMCO

NON-SPILLABLE RECHARGEABLE SEALED LEAD ACID BATTERY

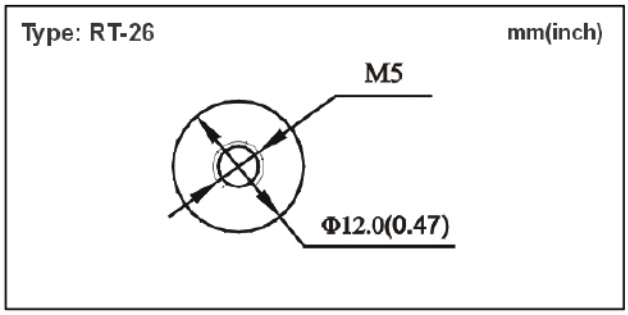
(20℃);

- Special formula of grid alloys and lead paste, special manufacturing technique, to make sure the high quality, high performance and long life;
- AGM valve regulated sealing technology;
- High strength ABS material for container & lid;
- Wide temperature scope of application (-15~45℃);
- Best temperature of application (20±5℃);
- No leaking, safe and reliable;
- Standing or lying down for using, convenient to transport and install;
- High sealed reaction efficiency, little loss of water, no need to add distilled water or electrolyte, simple to use and maintain;
- Low self-discharge rate.

■ DIMENSIONS



■ TERMINALS



■ SPECIFICATIONS

Nominal Voltage	12V	Capacity	C_{20}	26Ah (10.5V, at 25℃)
Nominal Capacity (C_{20})	26Ah (10.5V，at 25℃)		C_{10}	23.4Ah (10.5V, at 25℃)
Dimension	Length 166mm		C_3	19.5Ah (10.5V, at 25℃)
	Width 175mm		C_1	15.6Ah (10.2V, at 25℃)
	Height 125mm	Internal Resistance		Approx. 15 mΩ (25℃)
	Total Height 125mm	Max Short-duration Discharge Current		780A(25℃)
Weight	Approx. 8.68kg	Terminals		RT-26

■ CHARGE

Using Mode	Charging Voltage	Temperature Compensation	Max Charging Current
Standby Use	2.275±0.025V/cell (25℃)	-3.3mV/℃/cell	7.8A
Cyclic Use	2.45±0.05V/cell (25℃)	-5mV/℃/cell	

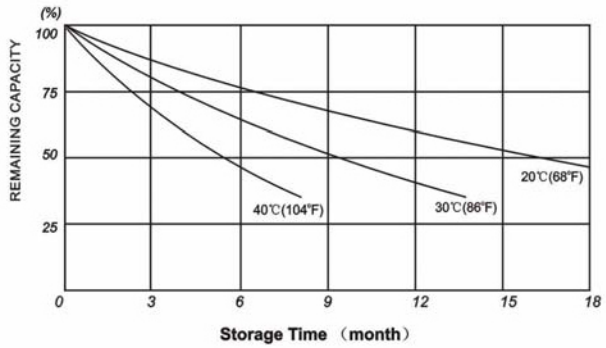
■ STORAGE

- Batteries should be stored in dry and clean warehouse which has good air exchange system. Batteries should avoid direct sunlight. Batteries should not be near to heat (such as radiator, the distance should more than 1m). Batteries should avoid any toxic gas and organic solvent.
- When the ambient temperature is less than 25℃, the longest storage life is 6 months. If ambient temperature is higher, the longest storage life varies as specified in below chart.

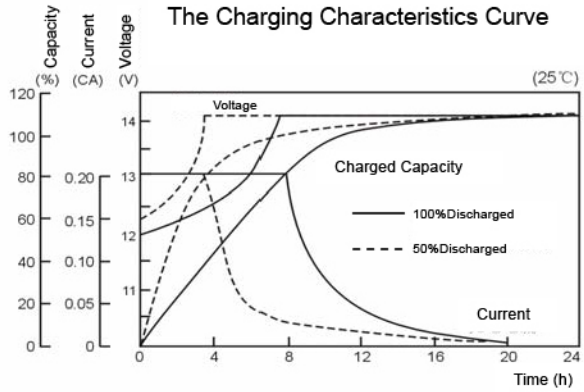
Storage Temperature (℃)	≤25	26～33	34～40
Storage Time (Month)	6	3	1

- Batteries should be recharged within the storage life or before using.
  Charging methods: maximum charging current 7.8A, constant voltage 2.45±0.05V/cell (25℃);
  Charging time: 15~20h; Temperature compensation coefficient: -5mV/℃/cell.

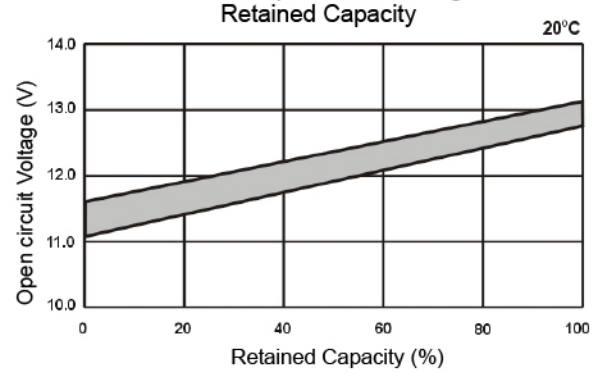
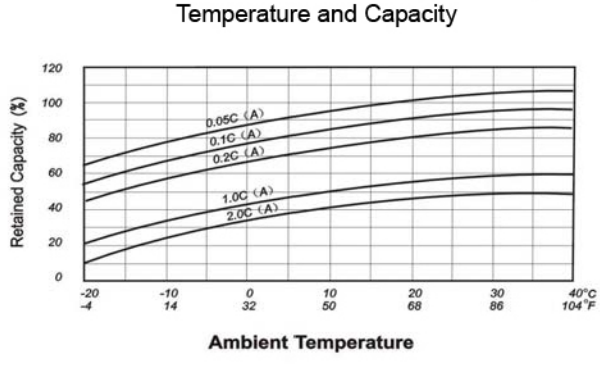
The Self-discharge Characteristic Curve



The Charging Characteristics Curve



The Curve of Open Circuit Voltage and Retained Capacity



The Relation Curve of Discharge Current, Temperature and Capacity