



CB121200A

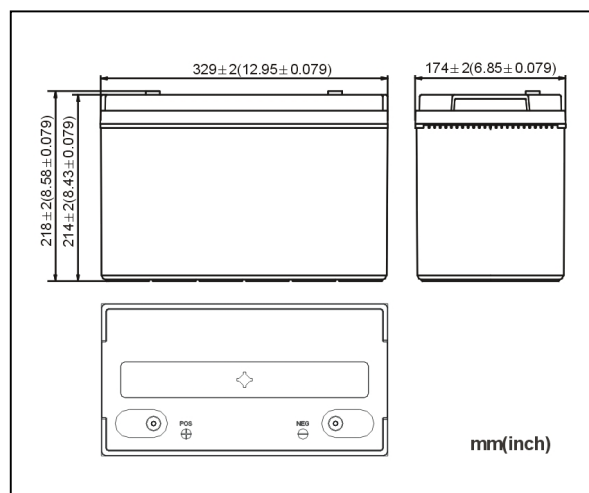
NON-SPILLABLE RECHARGEABLE SEALED LEAD ACID BATTERY



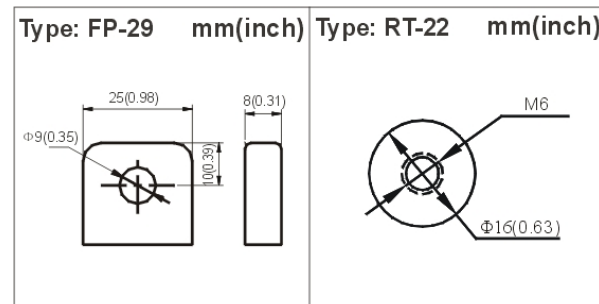
FEATURES

- Specifically designed for solar deep cycle use;
- AGM valve regulated sealing technology;
- High strength ABS material for container & lid;
- Wide scope of operating temperature (-15~45°C);
- Ideal operating temperature (20±5°C);
- No leaking, safe and reliable;
- Standing or lying down, convenient to transport and install;
- High sealed reaction efficiency, little loss of water, no need to add distilled water or electrolyte, maintenance free;
- Low self-discharge rate.

DIMENSION



TERMINAL



SPECIFICATIONS

Nominal Voltage	12V	Capacity	C ₂₀	120Ah (10.5V, at 25°C)
Nominal Capacity (C ₂₀)	120Ah (10.5V, at 25°C)		C ₁₀	105Ah (10.5V, at 25°C)
Dimension	Length 329mm		C ₅	80Ah (10.5V, at 25°C)
	Width 174mm		C ₃	75Ah (10.2V, at 25°C)
	Height 214mm	Internal Resistance		Approx. 6.5 mΩ (25°C)
	Total Height 218mm	Max Short-duration Discharge Current		2000A(25°C)
Weight	Approx. 32.94kg	Terminal		FP-29/RT-22

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CHARGE

Using Mode	Charging Voltage	Temperature Compensation	Max Charging Current
Standby Use	$2.275 \pm 0.025 \text{V/cell (25}^\circ\text{C)}$	$-3.3 \text{mV/}^\circ\text{C/cell}$	30A
Cyclic Use	$2.45 \pm 0.05 \text{V/cell (25}^\circ\text{C)}$	$-5 \text{mV/}^\circ\text{C/cell}$	

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°C , the longest storage life is 6 months. If ambient temperature is higher, the longest storage life varies as specified in below chart.

Storage Temperature ($^\circ\text{C}$)	≤ 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 30A, constant voltage $2.45 \pm 0.05 \text{V/cell (25}^\circ\text{C)}$;

Charging time: 15~20h; Temperature compensation coefficient: $-5 \text{mV/}^\circ\text{C/cell}$.

