

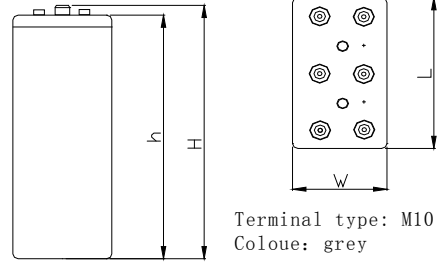


# 2V GEL VRLA BATTERY: INDIVIDUAL DATA SHEET NG2(OPzV)-2000



Product Standards: DIN40742 and IEC896-2

Dimensions(mm)



Terminal type: M10 bolt  
Coloue: grey

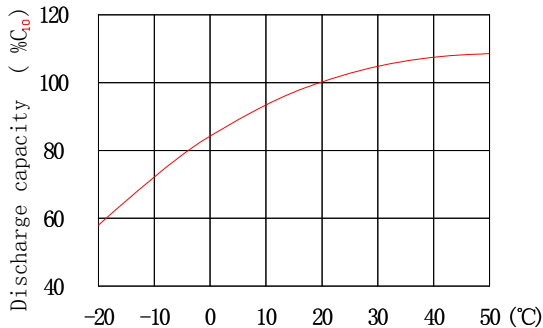
## Specifications

Nominal voltage	2V	
Rated capacity(10 hour rate)	2000Ah	
Dimension	Length (L)	214mm
	Width (W)	399mm
	Heigh (h)	772mm
	Total height (H)	797mm
Approx. mass	156Kg	

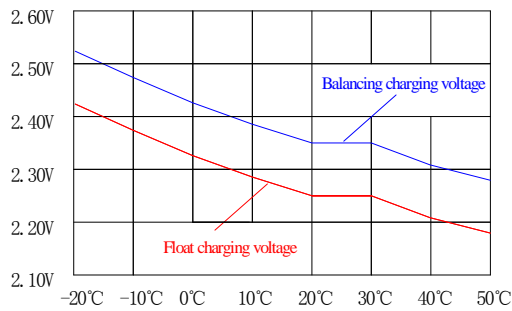
## Main technical parameters And Environment requirements

Environment temperature	-20°C ~ 50°C
Environmental temperature for best utilization	20°C
Float charging voltage	2.23-2.25V/unit
Balancing charging voltage	2.35V/unit
Temperature adjustment coefficient	-3mV/°C/unit
Cycle life	≥1200 times (80% DOD)
Max charging current	0.20C <sub>10</sub> A
Design service life	20 years(20°C)
Floating service life	≥15 years(20°C)
Self-discharge rate	Less than 40% after 2-year storage at 20°C
Recover performance after deep discharge	The battery can be recharged to 95% of the rated capacity after 12-hour deep discharge

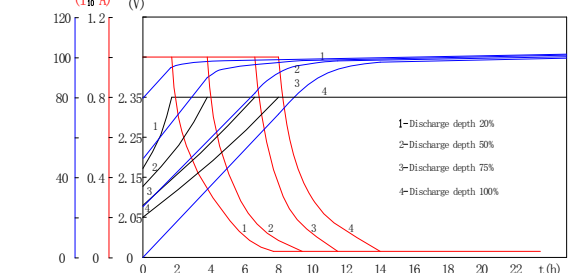
Discharge capacity Vs ambient temperature curve (I<sub>10</sub>A)



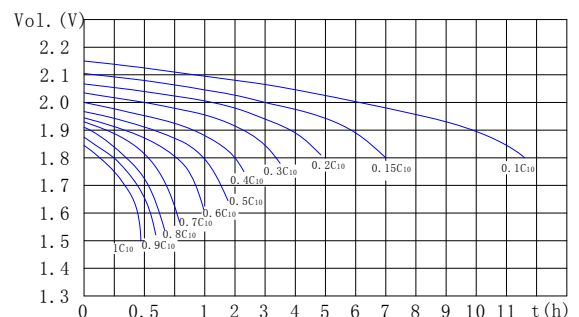
Charge voltage Vs ambient temperature curve



Charge characteristic curve (20°C)



Discharge characteristic at different rates (20°C)



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