

12V GEL VRLA BATTERY : INDIVIDUAL DATA SHEET NG12-50



Product Standards: DIN43535 43539-5
And IEC896-2

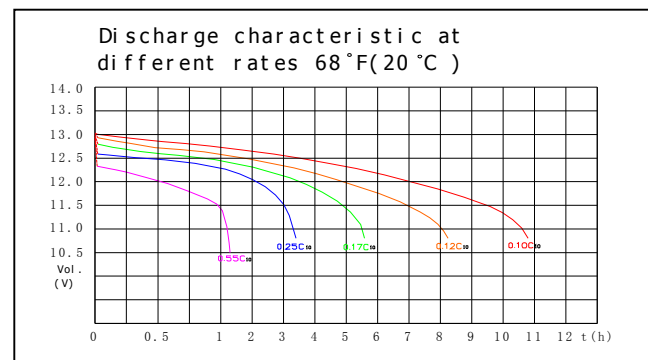
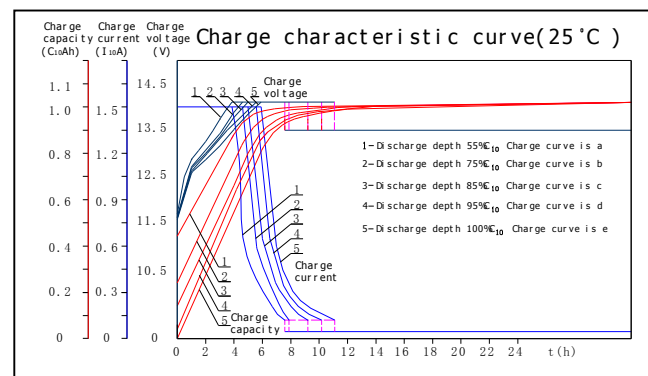
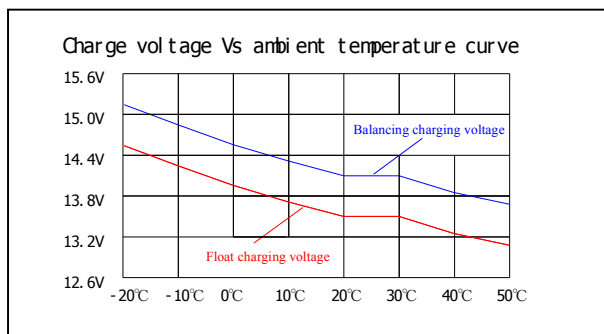
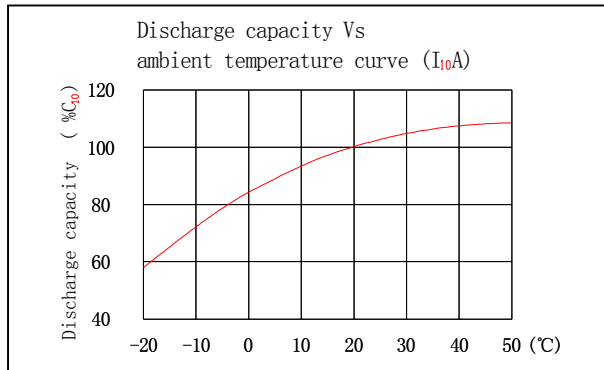
Terminal type: M8 Bolt
Colour: Grey

Main technical parameters And Environment requirements

Environment temperature	-20°C~50°C
Environmental temperature for best utilization	20□
Float charging voltage	13.5V/unit
Balancing charging voltage	14.1V/unit
Temperature adjustment coefficient	-18mV/□/unit
Cycle life	≥1000 times (80% DOD)
Max charging current	0.20C ₁₀ A
Design service life	10years(20□)
Floating service life	≥6years(20□)
Self-discharge rate	Less than 40% after 2-year storage at 20□
Recover performance after deep discharge	The battery can be recharged to 95% of the rated capacity after 12-hour deep discharge

Specification

Nominal Voltage	12V	
Rated capacity (10 hour rate)	50Ah	
Dimension	Length (L)	276mm
	Width (W)	175mm
	Height (H)	166mm
	Total height	187mm
Approx. mass	22Kg	



This information is generally descriptive only and is not intended to make or imply any representation, guarantee or warranty with respect to any cells and batteries. Cell and battery designs/specifications are subject to modification without notice. Contact Solar Guru for the latest information.