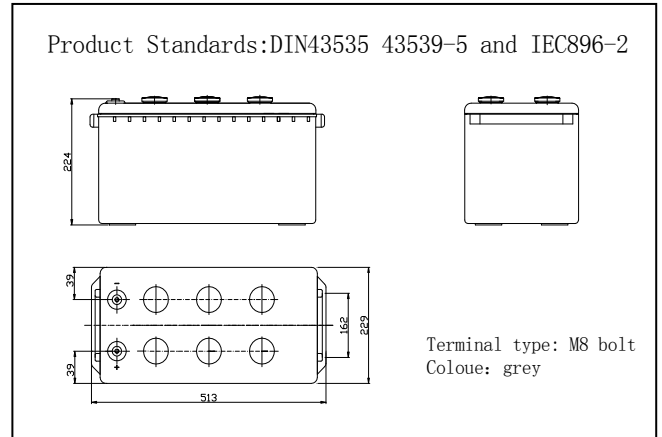




# 12V GEL VRLA BATTERY : INDIVIDUAL DATA SHEET

NG12-120

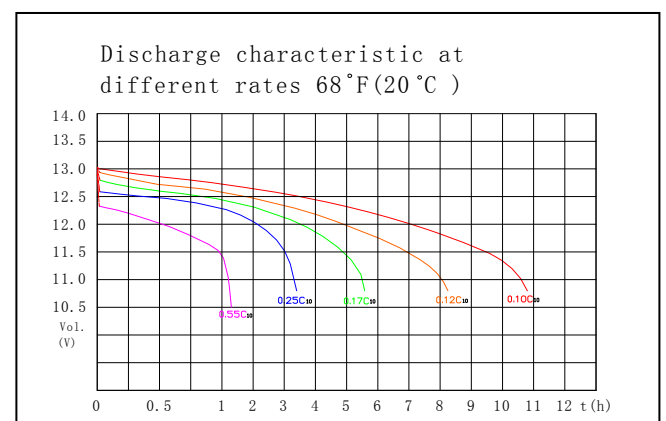
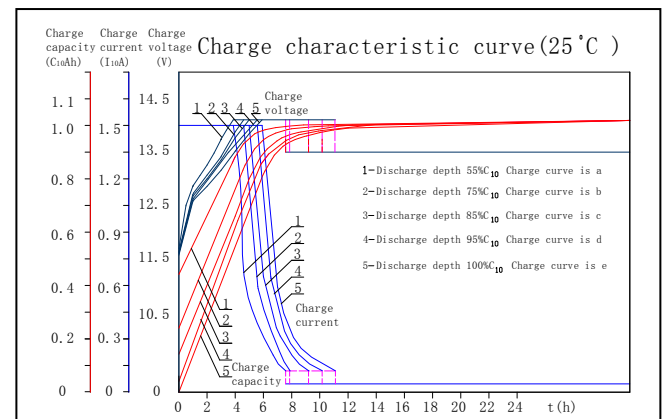
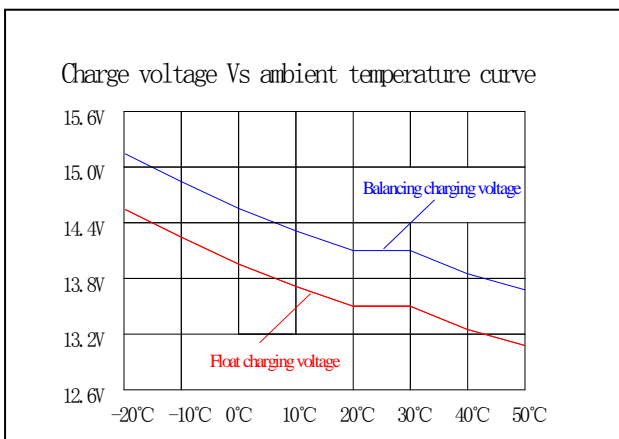
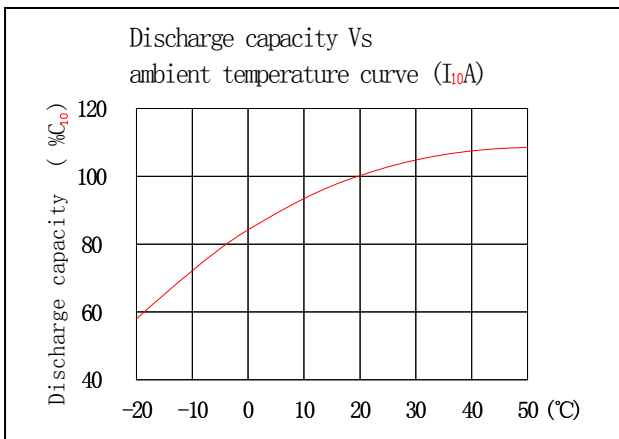


## Specifications

Nominal voltage		12V
Rated capacity(10 hour rate)		120Ah
Dimension	Length (L)	513mm
	Width (W)	229mm
	Height (h)	214mm
	Total height (H)	224mm
Approx. mass		53.5Kg

## Main technical parameters And Environment requirements

Environment temperature	-20°C ~ 50°C
Environmental temperature for best utilization	20°C
Float charging voltage	13.5V/unit
Balancing charging voltage	14.1V/unit
Temperature adjustment coefficient	-18mV/°C/unit
Cycle life	≥1000 times (80% DOD)
Max charging current	0.20C <sub>10</sub> A
Design service life	10years(20°C)
Floating service life	≥6years(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



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.