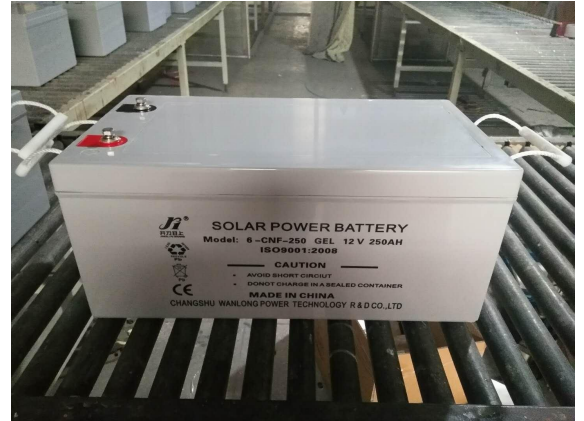


# 6-CNF-250

Maintenance-Free Rechargeable Sealed deep cycle Gel Battery

## SPECIFICATIONS

Cells Per Unit	1
Nominal Voltage (V)	12V
Rated Capacity:	250AH
250Ah @10hour rate to10.8V per cell	@25 °C
Maximum Discharge Current for	
	5 seconds: 2500.0A
Operating Temperature Range	
Charge	-25°C to 40°C
Discharge	-40°C to 50°C
Storage	-40°C to 50°C
Nominal Operating Temperature Range:	
	25°C ± 3°C
Float charging Voltage	
	13.6 ± 0.2/Cell at 25°C Temp
Recommended Maximum Charging Current Limit	
Equalization / Cycle Use Charging Voltage	
	2.35V Temps coefficient ± 3.3mV/°C (± 1.8MV/°F)
Terminal	Copper Terminal
Dimensions:	L520*W270*220(mm)
Total Height (with terminals)	225(mm)
Container material: ABS UL94-HB, UL94-Vo Optional	



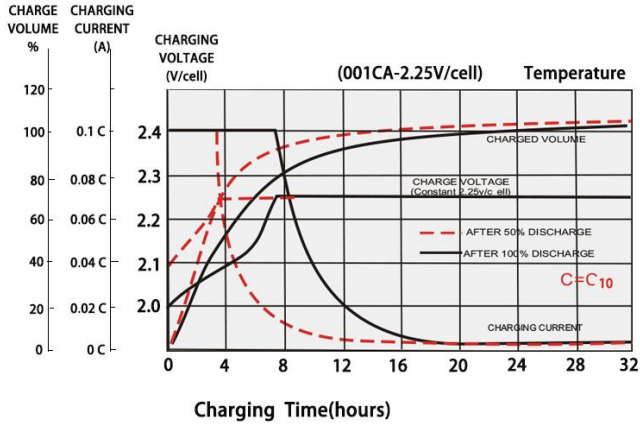
## Constant Current Discharge Characteristics

Unit: A (25°C , 77°F)

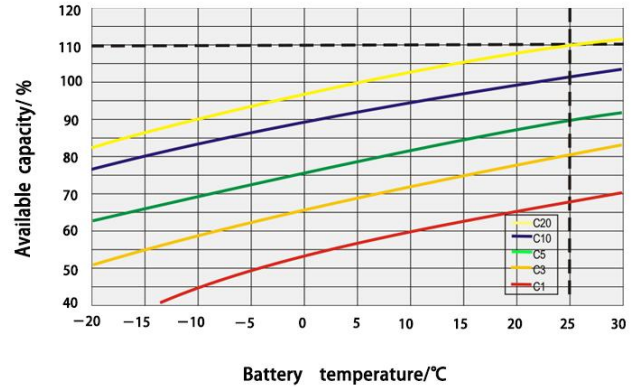
F.V/Time	15MIN	30MIN	60MIN	2HR	3HR	4HR	5HR	8HR	10HR	20HR
1.85V/cell	323.63	209	131.875	79.25	59.75	47.63	39.88	28	23.5	12.58
1.80V/cell	376.38	236.375	145.875	86	64.63	51.38	42.88	30	25	13.27
1.75V/cell	398	247	151.25	88.75	66.375	52.63	44	30.63	25.5	13.44
1.70V/cell	420.75	257.875	156.875	91.625	68.375	54	44.88	31.25	25.88	13.6
1.67V/cell	434	264.375	160	93	69.375	54.75	45.38	31.5	26	13.7
1.60V/cell	465	279.375	167.88	97	71.875	56.5	46.88	33.38	26.75	13.95

# Ratings are preliminary and subject to change

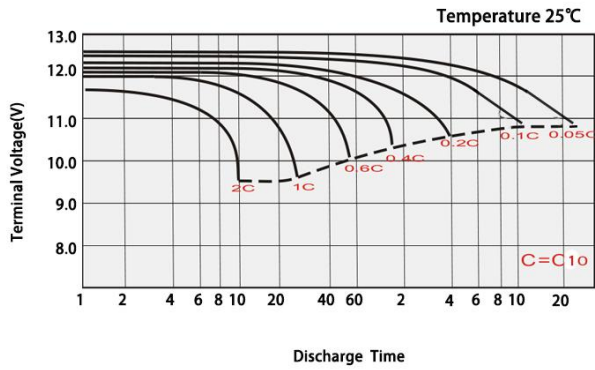
## Float Charging Characteristics



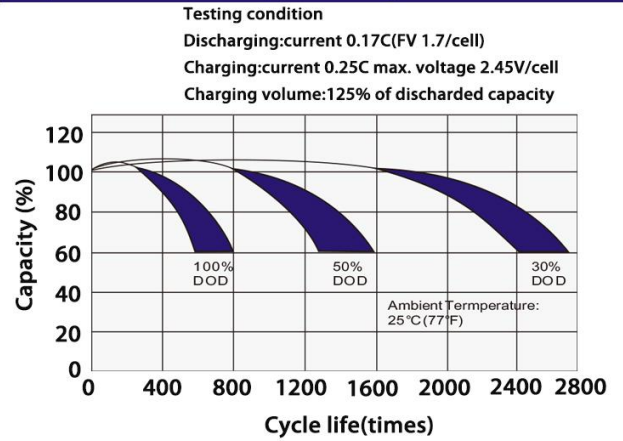
## Temperature Effects in Relation to Battery Capacity



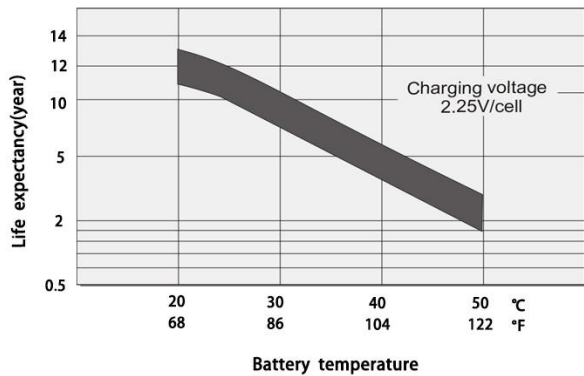
## Discharge Characteristics



## Cycle life in Relation to Depth of Discharge



## Effect of Temperature on Long Term Float Life



## General Relation of Capacity VS. Storage Time

