

Gel batteries for solar energy storage



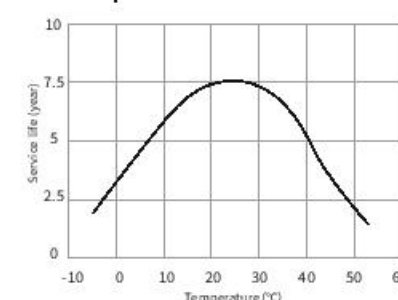
Technology data

Model	6-CNJ-65Ah	6-CNJ-70Ah	6-CNJ-80Ah	6-CNJ-90Ah	6-CNJ-100Ah	6-CNJ-120Ah	6-CNJ-150Ah	6-CNJ-200Ah	6-CNJ-250Ah
Rated voltage	12V								
Capacity (10hr, 1.80V/cell, 25°C)	65Ah	70Ah	80Ah	90Ah	100Ah	120Ah	150Ah	200Ah	250Ah
Weight	19Kg	22.5Kg	24.5Kg	28.5Kg	30Kg	32Kg	40Kg	55.5Kg	63Kg
Size(LxWxHmm)	326x171x167	330x171x215	330x171x215	405x173x231	405x173x231	405x173x231	482x171x240	525x240x219	525x268x220
Max discharge current	30I ₁₀ (A)(3min)								
Max charging current	≤0.25C ₁₀								
Self-discharge (25°C)	≤3%/月								
Recommended using temperature	15°C~25°C								
Cover Material	ABS								
Using temperature	Discharge: -45°C~50°C Charge: -20°C~45°C Storage: -30°C~40°C								
Charging Voltage (25°C)	floating charge: 13.5V-13.8V equalizing charge: 14.1V-14.4V								
Charging Mode (25°C)	Float Charge: 2.275±0.025V/Cell Temperature parameters: ±3mV/Cell/°C Cycle Charge: 2.45±0.05V/Cell Temperature Compensation Coefficient: ±5mV/Cell/°C								
Cycle life	100%DOD 572 times 50%DOD 1422 times 30%DOD 2218 times								
Capacity affected by temperature	105% @ 40°C 90% @ 0°C 70% @ -20°C								

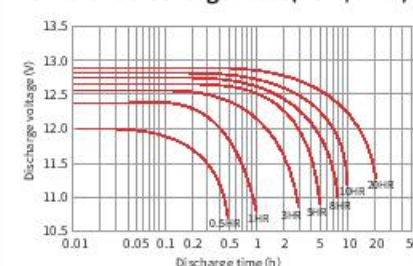
Performance characteristics

NOTE: The above data are average values, and can be obtained within 3 charge/discharge cycles. These are not minimum values. Cell and battery designs/specifications are subject to modification without notice.

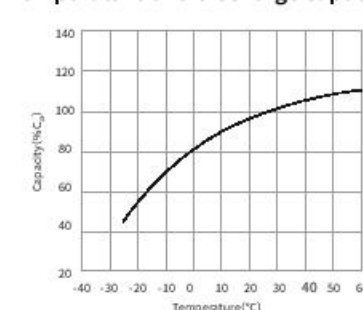
Temperature and service life



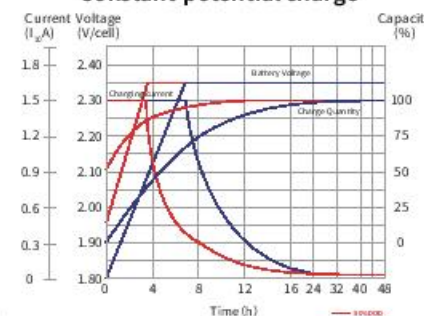
Discharge performance at different discharge rates(25°C/77°F)



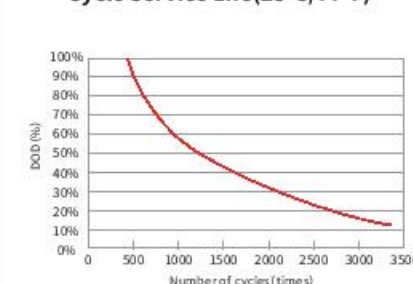
Temperature and discharge capacity



Constant-potential charge



Cycle Service Life(25°C/77°F)



Self discharge parameters characteristics

