UN210-6DC *(6V210Ah/10hr)*

The rechargeable batteries are lead-lead dioxide systems. The dilute sulfuric acid electrolyte is absorbed by separators and thus immobilized. In case the battery be accidentally overcharged producing hydrogen and oxygen, Special one-way valves allow the gases to escape thus avoiding excessive pressure build-up. Otherwise, the battery is completely sealed and is, therefore, maintenance-free, leak proof and usable in any position.

Battery Construction

Component	Positive plate	Negative plate	Container	Cover	Safety valve	Terminal	Separator	Electrolyte
Raw material	Lead dioxide	Lead	ABS	ABS	Rubber	Copper	Fiberglass	Sulfuric acid

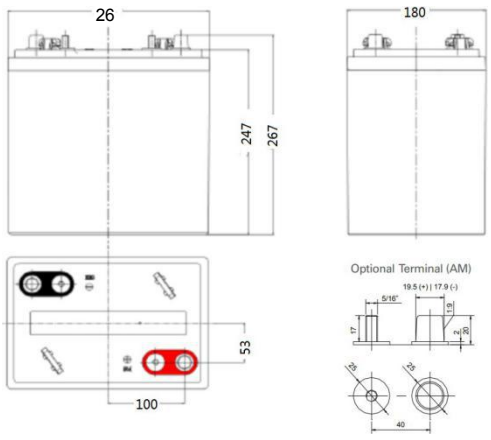
General Feature

Absorbent Glass Mat(AGM) technology for efficient gas recombination of up to 99% and freedom from electrolyte maintenance or water adding.

- Not restricted for air transport-complies with IATA/ICAO Special Provision A67.
  UL-recognized component.
  Can be mounted in any orientation.
- Computer designed lead, calcium tin alloy grid for high power density.
  Long service life, float or cyclic applications.
  Maintenance-free operation.
- Low self discharge.

SPECIFICATION

Nominal voltage..... 6V
Length(mm/inch) ····· 260/10.2
Width(mm/inch ····· 180/7.1
Height(mm/inch) ····· 247/9.72
Total Height(mm/inch) ····· 267/10.5
Approx. Weight(kg/lbs).....31.5/69.4



Performance Characteristics

Capacity 77°F(25℃)	20 hour rate (11.25A 、5.4V)	225Ah
	10 hour rate (21.0A、5.4V)	210Ah
	5 hour rate (39 A、5.25V)	195Ah
	1 hour rate (135A、4.8V)	135Ah
Internal Resistance	Full charged Battery77°F(25℃): 1.9mΩ	
Capacity affected by Temperature (10 hour rate)	104° F(40℃)	102%
	77° F(25℃)	100%
	32° F(10℃)	85%
	5° F(-15℃)	65%
Self-Discharge 68°F(20℃)	Capacity after 3 month storage	90%
	Capacity after 6 month storage	80%
	Capacity after 12month storage	60%
Max. discharge current77°F(25℃): 1230A(5S)		
Charge (Constant Voltage)	Float: 6.8～6.9 V/77° F/(25℃)	
	Cycle:7.35～7.45 V/77°F/(25℃) Max. Current: 42A	

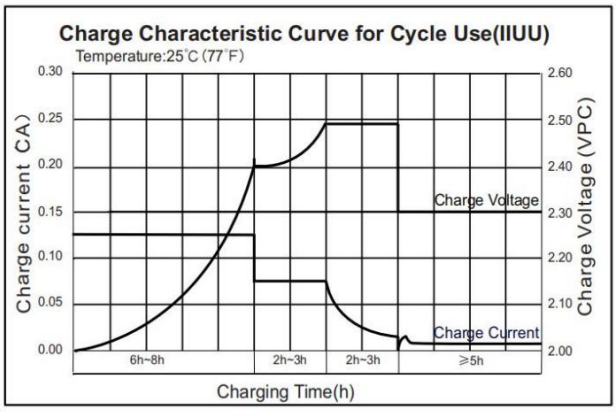
Discharge Constant Current (Amperes at 77° F25 ℃)

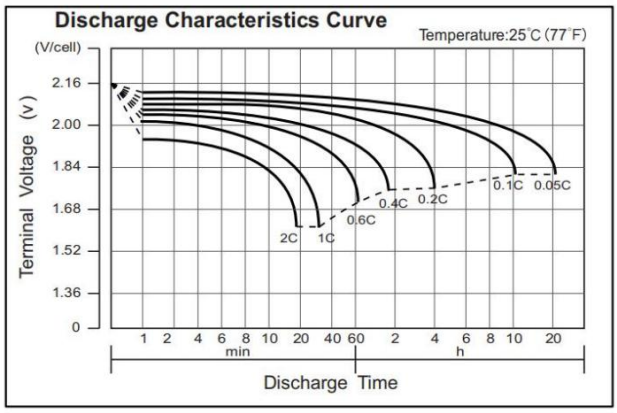
End Point Volts/Cell	5min	10min	15min	30min	1h	3h	5h	10h	20h
1.60V		461	366	228	135	64.5	40.2	21.3	11.62
1.65V		435	345	219	133	63.5	39.8	21.3	11.57
1.70V		408	323	211	131	62.0	39.5	21.2	11.47
1.75V		379	302	202	126	61.3	39.0	21.2	11.36
1.80V		348	279	192	122	59.6	38.4	21.0	11.25

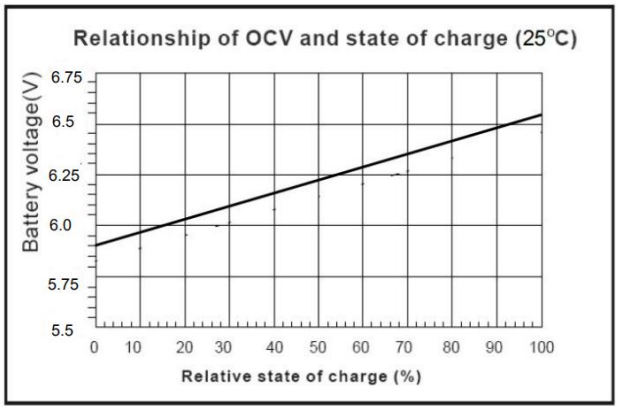
Discharge Constant Power (watts at 77° F 25℃)

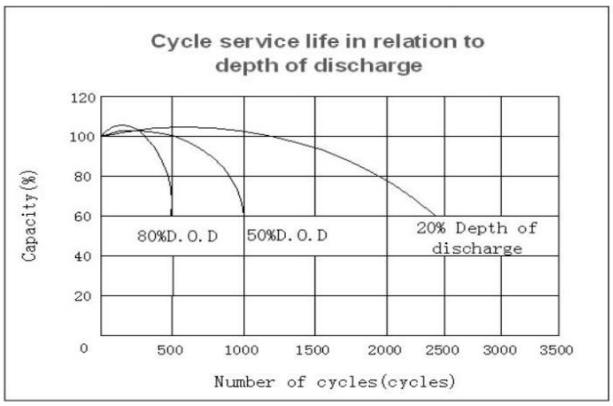
End Point Volts/Cell	5min	10min	15min	30min	45min	1h	2h	3h	5h
1.60V		758	613	401	287	236	152	117	74.5
1.65V		721	593	386	281	234	150	116	73.9
1.70V		683	573	371	276	230	147	114	73.3
1.75V		642	553	356	269	228	143	113	72.7
1.80V		611	522	341	264	226	139	112	72.1

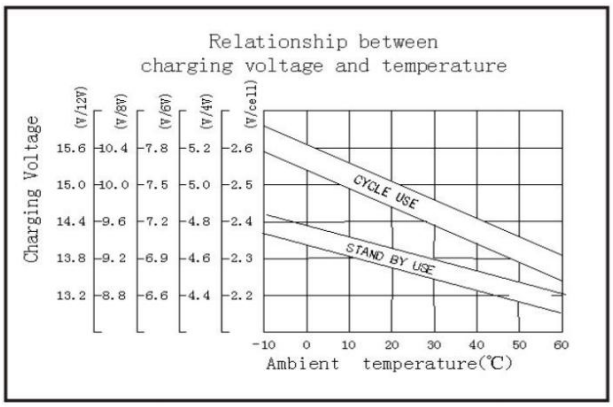
(Note)The above characteristics data are average values obtained Within three charge/discharge cycles not the minimum values.

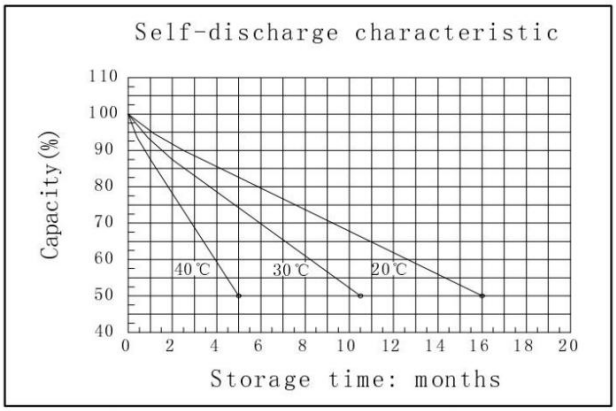


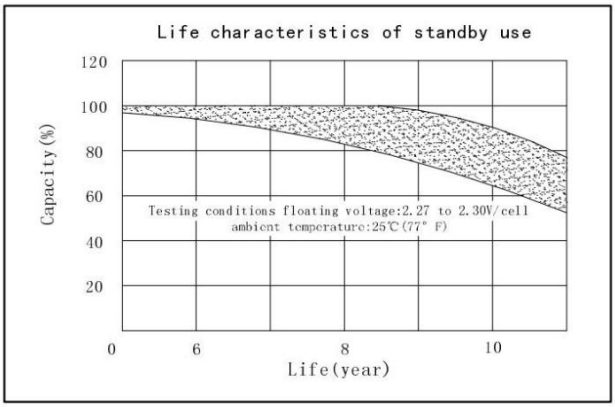


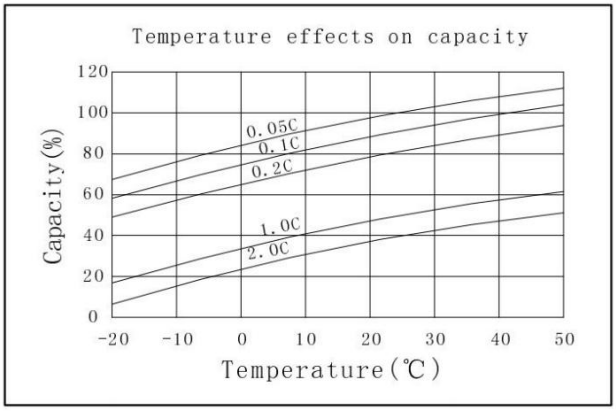












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