



UN185-6DC (6V185Ah/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

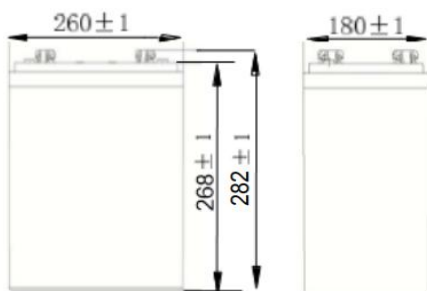
General Feature

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

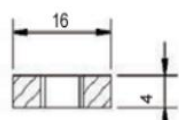
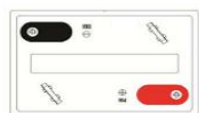
- Not restricted for air transport-complies with IATA/ICAO Special Provision A67. UL-recognized component. Can be mounted in any orientation.
- Computer designed lead, calcium tin alloy grid for high power density. Long service life, float or cyclic applications. Maintenance-free operation.
- Low self 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).....260/10.4
 Approx. Weight(kg/lbs) 28. 5.0/62.8



Terminal (M8)



Performance Characteristics

Capacity 77°F(25°C)	20 hour rate (10.0A、5.4V)	200Ah
	10 hour rate (18.5A、5.4V)	185Ah
	5 hour rate (33 A、5.25V)	165Ah
	1 hour rate (112A、4.8V)	112Ah
Internal Resistance	Full charged Battery77°F(25°C): 2.5m Ω	
Capacity affected by Temperature (10 hour rate)	104° F(40°C)	102%
	77° F(25°C)	100%
	32° F(10°C)	85%
	5° F(-15°C)	65%
Self-Discharge 68°F(20°C)	Capacity after 3 month storage	90%
	Capacity after 6 month storage	80%
	Capacity after 12month storage	60%
Max. discharge current77°F(25°C): 1200A(5S)		
Charge (Constant Voltage)	Float: 6.8~6.9 V/77° F/(25°C)	
	Cycle:7.35~7.45 V/77°F/(25°C) Max. Current: 37A	

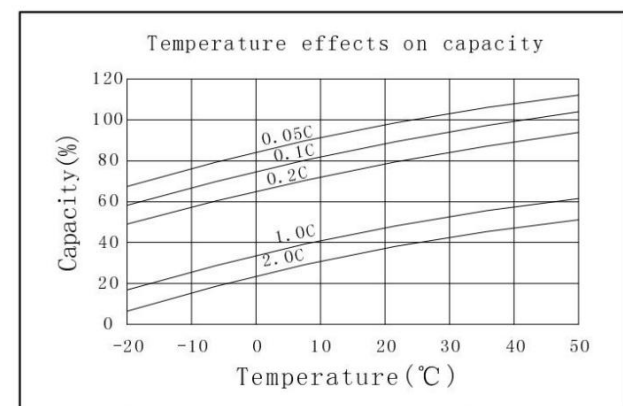
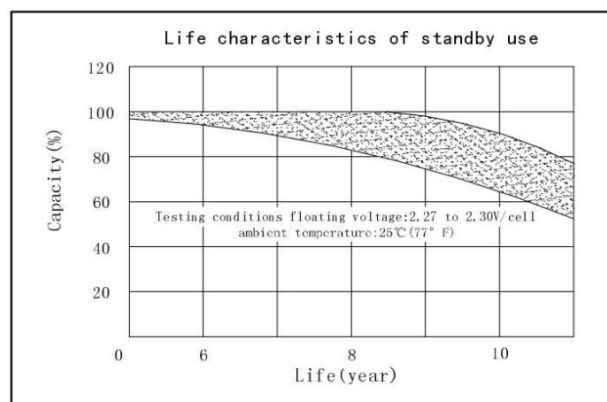
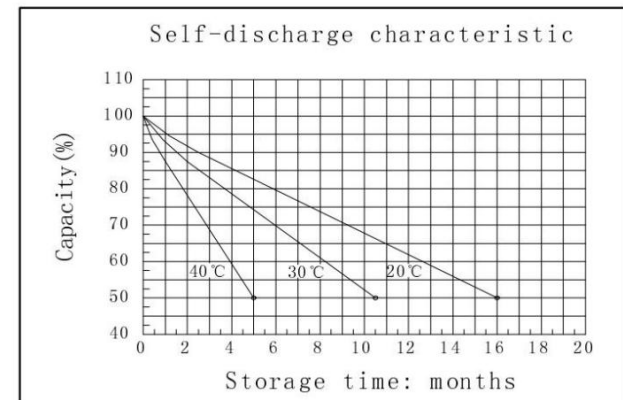
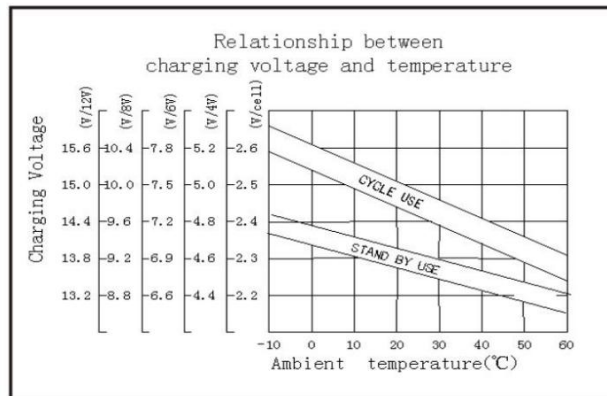
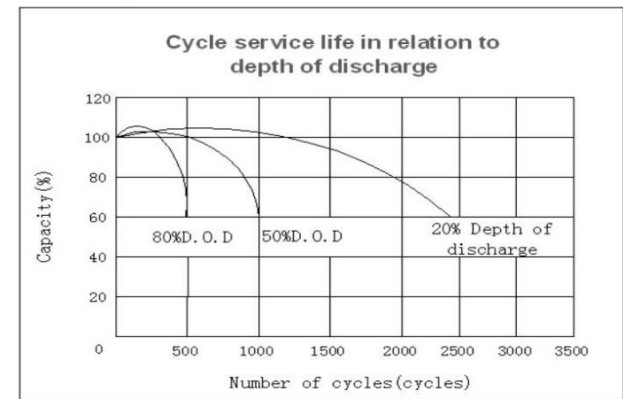
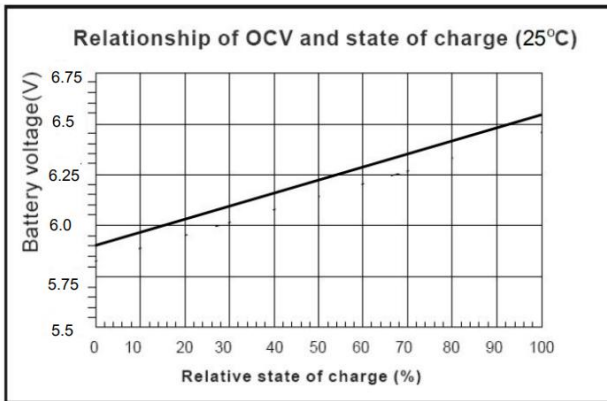
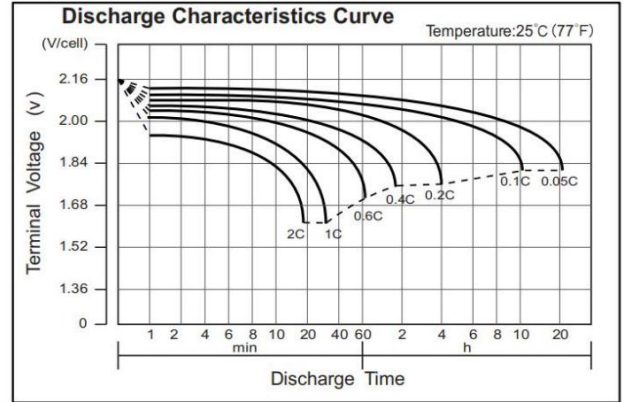
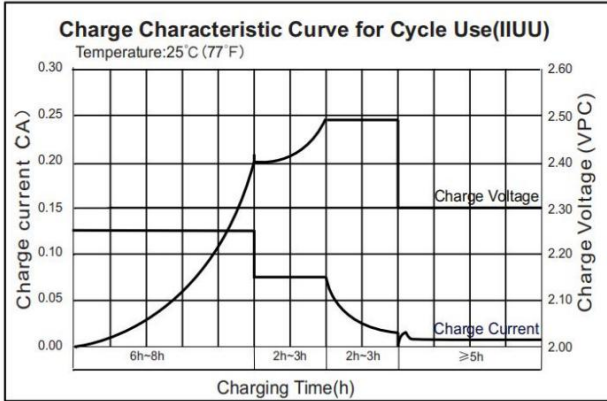
Discharge Constant Current (Amperes at 77° F25°C)

End Point Volts/Cell	5min	10min	15min	30min	1h	3h	5h	10h	20h
1.60V		368	299	192	112	52.1	34.2	19.2	10.20
1.65V		356	291	188	109	51.0	34.0	19.2	10.15
1.70V		339	280	185	107	50.0	33.4	19.0	10.10
1.75V		320	268	179	105	49.1	33.0	18.8	10.05
1.80V		299	254	172	102	47.4	31.7	18.5	10.00

Discharge Constant Power (watts at 77°F25°C)

End Point Volts/Cell	5min	10min	15min	30min	45min	1h	2h	3h	5h
1.60V		657	553	359	262	198	133	89.6	60.6
1.65V		645	543	351	256	197	129	88.1	60.4
1.70V		627	529	340	247	195	126	87.8	60.3
1.75V		607	514	329	239	193	121	87.4	60.2
1.80V		584	497	319	230	190	117	87.0	60.0

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



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