



700+
Cycles
@80%DOD

3~5YRS
Design Life

-20~60°C
Operation
Temperature


Lower
Self-Discharge


Automatic water
filling system

FLOODED FLAT PLATE DT SERIES



High Capacity



Durability



Deep-Cycle



Easy Maintenance

ADVANTAGES

Model	Rated Voltage	Rated Capacity(Ah)		Reserve Capacity(min)		Maximum Overall Dimensions								Gross Weight		Terminal
	V	C20(Ah) @1.75V/cell	C5(Ah) @1.75V/cell	@25Amps	@75Amps	L		W		H		TH		Kg	Lbs	
		mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch					
DT606	6	210	175	380	105	260.0	10.2	180.0	7.1	248.0	9.8	279.5	11.0	26.5	58.4	DT-5/16"
DT106	6	225	185	445	115	260.0	10.2	180.0	7.1	248.0	9.8	279.5	11.0	28.6	63.1	DT-5/16"
DT126	6	240	195	485	130	260.0	10.2	180.0	7.1	248.0	9.8	279.5	11.0	29.7	65.5	DT-5/16"
DT136	6	245	201	500	135	244	9.6	191	7.5	246.5	9.7	268	10.6	31.0	68.3	1 (AP)
DT146	6	260	215	530	145	260.0	10.2	180.0	7.1	248.0	9.8	279.5	11.0	30.4	67.0	DT-5/16"
DT-J305	6	330	271	711	195	296.0	11.7	176.0	6.9	343.0	13.5	366.0	14.4	42.0	92.6	DT(5/16")
DT-J305H	6	360	295	781	215	296.0	11.7	176.0	6.9	343.0	13.5	366.0	14.4	45.0	99.2	DT(5/16")
DT-L16	6	420	344	850	220	296.0	11.7	176.0	6.9	402.0	15.8	425.0	16.7	52.0	114.6	DT(5/16")
DT-L16H	6	435	357	935	245	296.0	11.7	176.0	6.9	402.0	15.8	425.0	16.7	55.5	122.4	DT(5/16")
DT866	8	150	125	225	90@56A	260.0	10.2	180.0	7.1	248.0	9.8	279.5	11.0	26.5	58.4	DT-5/16"
DT876	8	170	145	295	117@56A	260.0	10.2	180.0	7.1	248.0	9.8	279.5	11.0	29.2	64.4	DT-5/16"
DT896	8	190	155	340	132@56A	260.0	10.2	180.0	7.1	248.0	9.8	279.5	11.0	31.5	69.4	DT-5/16"
DT1275	12	150	120	280	102@56A	328.0	12.9	180.0	7.1	248.0	9.8	279.5	11.0	36.7	80.9	DT-5/16"

APPLICATIONS



ADVANTAGES

1

Reduce water losing rate and lower the possibility of thermal runaway. Better performance under critical ambient temperature condition.

2

Special plate design, long cycle life time.

3

Using special Pb-Sb alloy to boost up the grid anti-corrosive performance and extend the battery using life time.



Little water losing, but need check the height of electrolyte periodically and add distilled water.

4

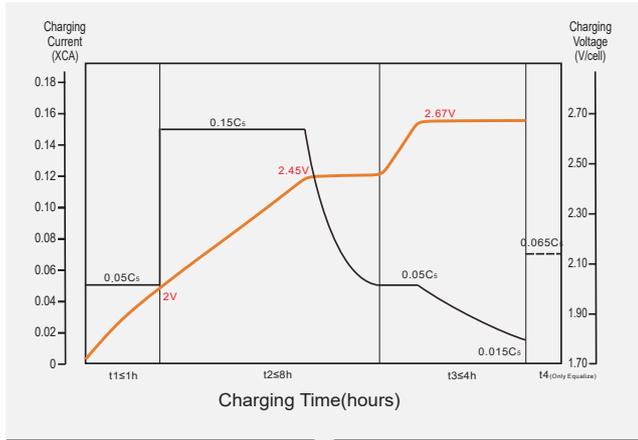
Good deep discharge resilience performance.

5

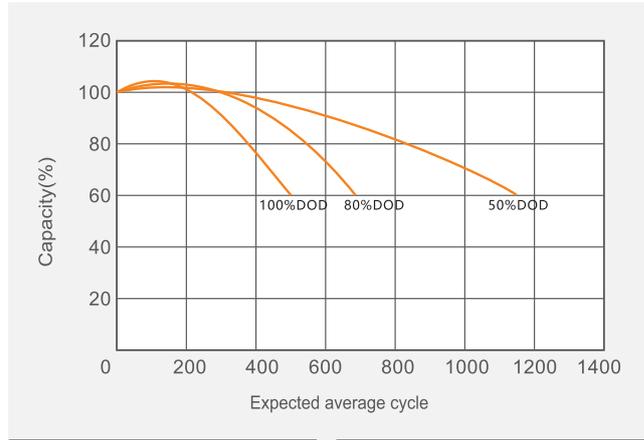
Using special separator to boost up the battery performance inside.

6

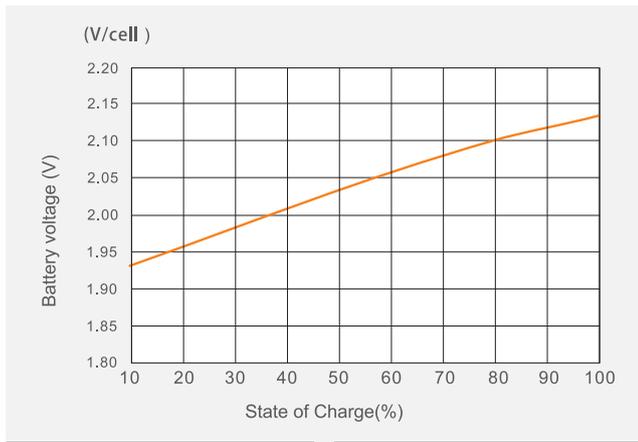
PERFORMANCE CHARACTERISTICS



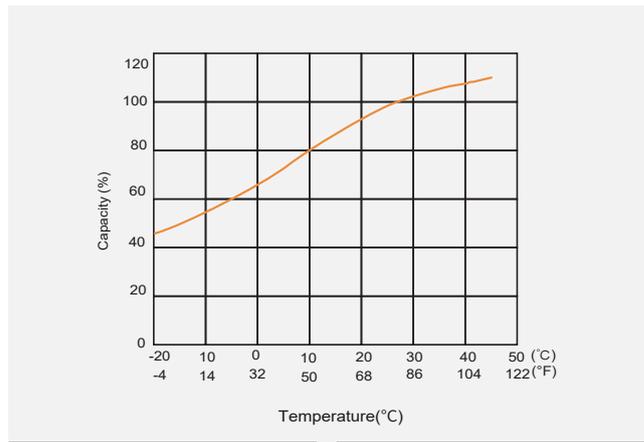
Charging characteristic(25°C,77°F)



Cycle life in relation to depth of discharge



Relationship of OCV and SOC(25°C,77°F)



Temperature effects on capacity

REPLACEMENT

Automatic water filling system (optional)



Features of the automatic water filling system:

- ◆ Realize automatic water filling
- ◆ Easy maintenance
- ◆ Reduce manual filling costs



The Automatic water filling system need several connection parts including:

- ◆ Flow indicate
- ◆ Tee-pipe(T-6-10-6)
- ◆ Water pipe(6mm,10mm)
- ◆ Injection cap
- ◆ Terminal plug
- ◆ Water tank
- ◆ Quick connector(male/famle)

quick connector male quick connector female



Note: Regardless of the direction, it will turn when there is water flow, and it will not turn when there is no water flow or small water flow.



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