



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				
						mm	Inch	mm	Inch	mm	Inch	mm	Inch	Kg	Lbs	
DT606	6	210	175	380	105	260	10.2	180	7.1	248.0	9.8	279.5	11.0	26.5	58.4	DT-5/16"
DT106	6	225	185	445	115	260	10.2	180	7.1	248.0	9.8	279.5	11.0	28.6	63.1	DT-5/16"
DT126	6	240	195	485	130	260	10.2	180	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	268.0	10.6	31.0	68.3	1 (AP)
DT146	6	260	215	530	145	260	10.2	180	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	11.7	176	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	11.7	176	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	11.7	176	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	11.7	176	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	10.2	180	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	10.2	180	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	10.2	180	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	12.9	180	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.



4

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

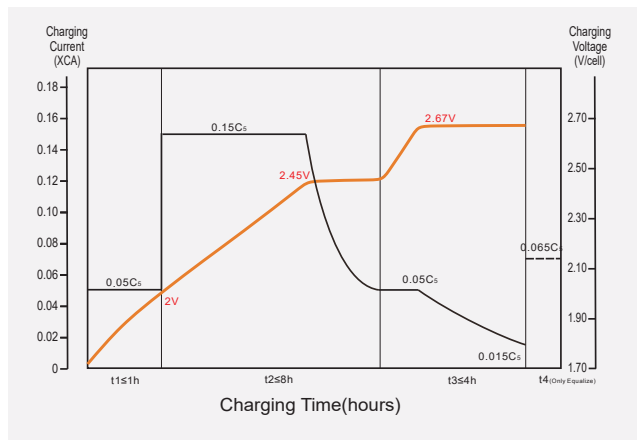
5

Good deep discharge resilience performance.

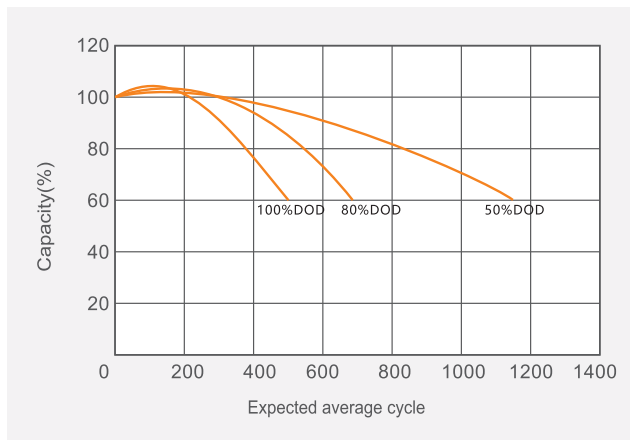
6

Using special separator to boost up the battery performance inside.

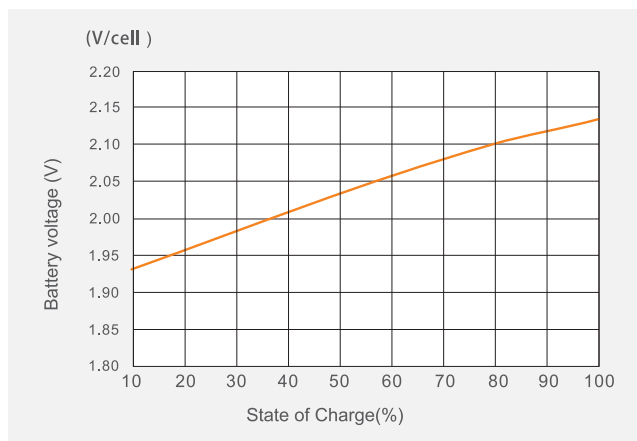
PERFORMANCE CHARACTERISTICS



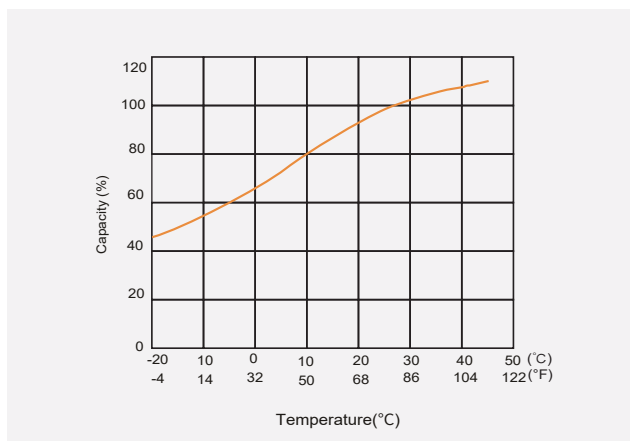
Charging characteristic(25°C,77°F)



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

①



②



③

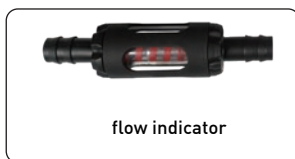


quick connector male quick connector female



dust cover

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.



flow indicator

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)



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