

# FLOODED FLAT PLATE

## DT SERIES

- 700+ Cycles @80%DOD
- 3~ 5YRS Design Life
- 20~55°C Operation Temperature
- ≤3% Self-Discharge per month
- Vibration Resistant



- High Capacity
- Durability
- Deep-cycle
- Easy Maintenance

## Specifications

Type	Rated Voltage	Rated Capacity(Ah)		Capacity (min)		Maximum Overall Dimensions								Gross Weight		Terminal Type
	V	C <sub>1</sub> (Ah) @1.75V/cell	C <sub>20</sub> (Ah) @1.75V/cell	@25Amps	@75Amps	L		W		H		TH		Kg	Lbs.	
		mm	In.			mm	In.	mm	In.	mm	In.					
DT606	6	175	210	380.0	105.0	260	10.2	180	7.09	248	9.76	279.5	11.0	26.5	58.4	LPT
DT106	6	185	225	445.0	115.0	260	10.2	180	7.09	248	9.76	279.5	11.0	28.6	63.1	LPT
DT126	6	195	240	485.0	130.0	260	10.2	180	7.09	248	9.76	279.5	11.0	29.7	65.5	LPT
DT146	6	215	260	530.0	145.0	260	10.2	180	7.09	248	9.76	279.5	11.0	30.4	67.0	LPT
DT-J305	6	271	330	711.0	195.0	296	11.7	176	6.93	366	14.4	343	13.5	42.0	92.6	DT-5/16"
DT-L16	6	344	420	850.0	220.0	296	11.7	176	6.93	425	16.7	402	15.8	52	114.6	DT-5/16"
DT866	8	125	150	225.0	90@56A	260	10.2	180	7.09	248	9.76	279.5	11.0	26.5	58.4	LPT
DT876	8	145	170	295.0	117@56A	260	10.2	180	7.09	248	9.76	279.5	11.0	29.2	64.4	LPT
DT896	8	155	190	340.0	132@56A	260	10.2	180	7.09	248	9.76	279.5	11.0	31.5	69.4	LPT
DT1275	12	120	150	280.0	102@56A	328	12.9	180	7.09	248	9.76	279.5	11.0	36.7	80.9	LPT

## Applications



# Features / 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.



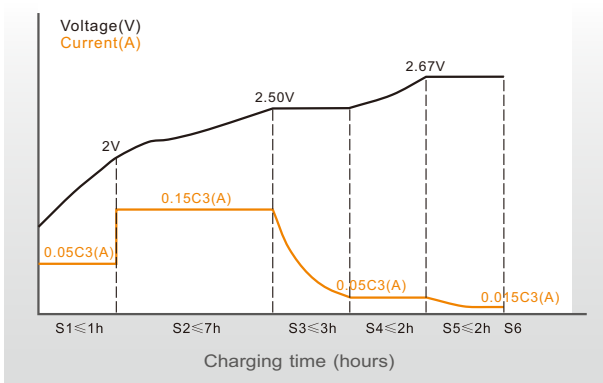
**4** Little water losing, but need check the height of electrolyte periodically and add distilled water.

**5** Good deep discharge resilience performance.

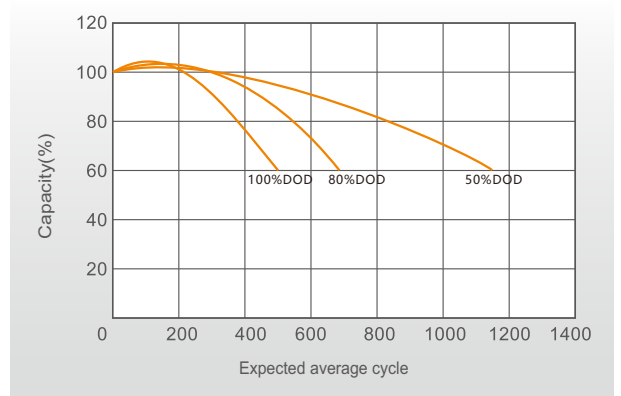
**6** Using special separator to boost up the battery performance inside.

# Charge / Discharge Performance Curves

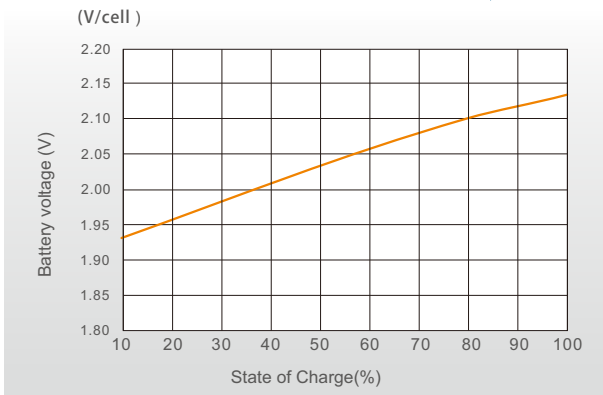
Charging characteristic (25°C, 77°F)



Cycle life in relation to depth of discharge



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



Temperature effects on capacity

