



FLOODED FLAT PLATE

DT SERIES





Flooded Flat Plate DT Series

700 cycles
NUMBER OF CYCLES AT 80% DOD

Battery
LOW SELF-DISCHARGE

3~5 years
DESIGN LIFE

GOOD HEAT DISSIPATION CONDITIONS
LOW RISK OF THERMAL RUNAWAY

-20~55°C years

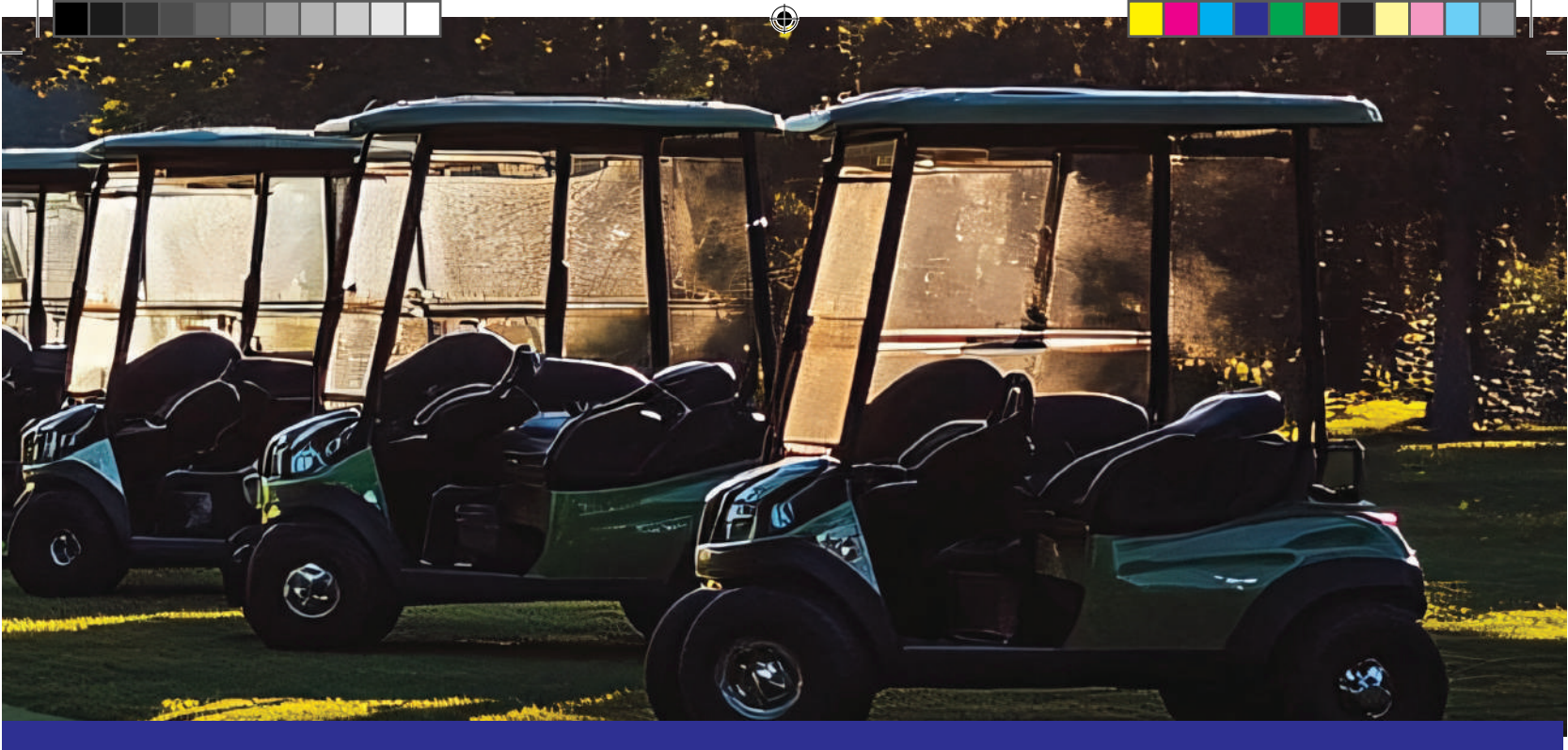


HIGH CAPACITY

DURABILITY

DEEP-CYCLE EASY MAINTENANCE

EASY MAINTENANCE



SPECIFICATIONS

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			
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"
6-DG-104	6	118	104	/	/	360.0	14.2	172.0	6.8	262.0	10.3	282.0	11.1	33.8	74.5	L4-M8



APPLICATIONS

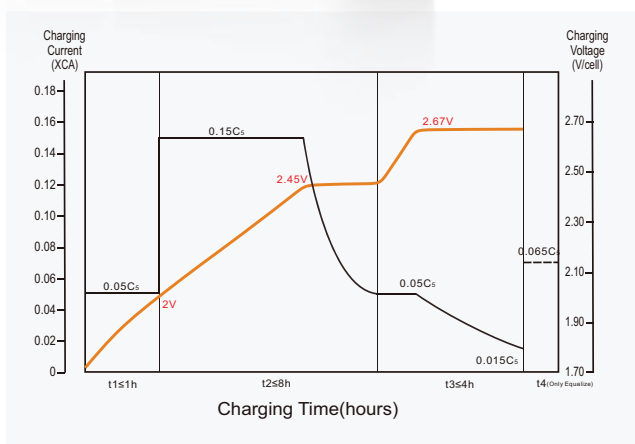




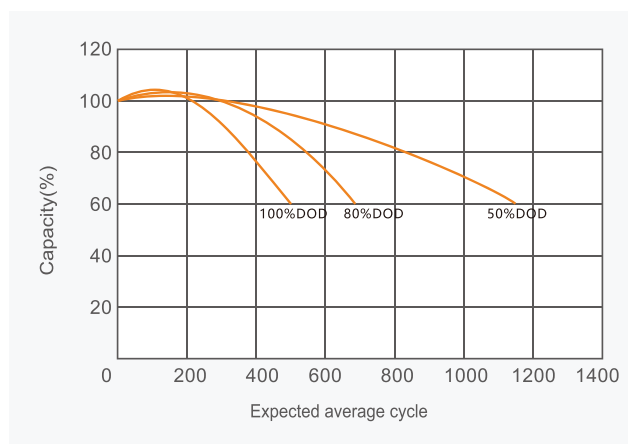
ADVANTAGES



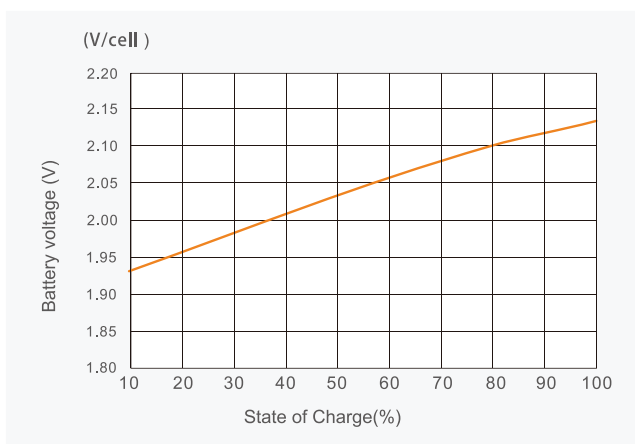
- 1 Reduce water losing rate and lower the possibility of thermal runaway. Better performance under critical ambient temperature condition.
- 2 Special plate design, long cycle life time.
- 3 Using special Pb-Sb alloy to boost up the grid anti-corrosive performance and extend the battery using life time.
- 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.



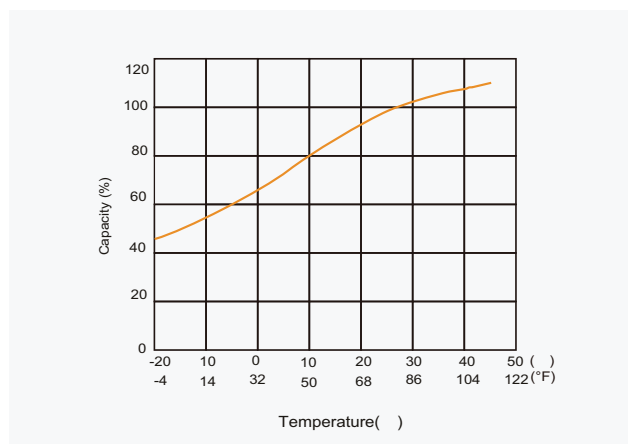
Charging characteristic (25°C, 77°F)



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 match)



INJECTION CAP



TERMINAL PLUG



INJECTION CAP



QUICK CONNECTOR
(MALE)



FLOW INDICATE

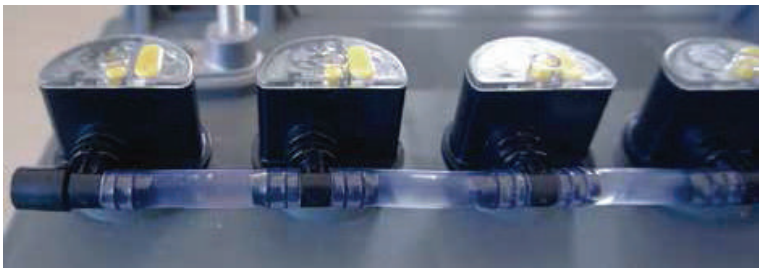


WATER PIPE



QUICK CONNECTOR
(FEMALE)

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)

