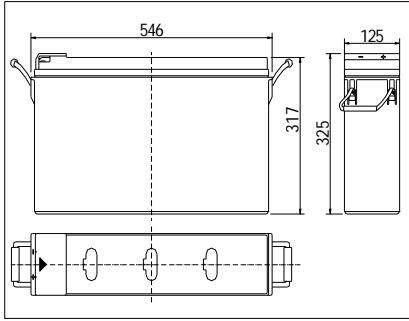


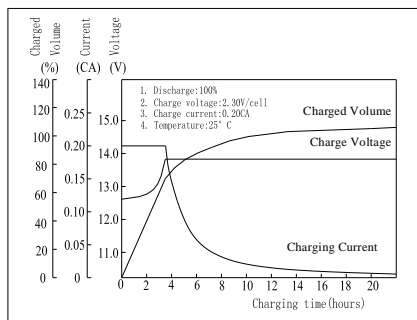
## Valve Regulated Lead Acid Battery

<p>MT122050FT 12 volts 205Ah</p> 	MT122050FT having its design life of 12 years @ 20 degree Celsius for floating
	application and around 1200 cycles for 30% depth of discharge for cyclic application.
	As our product were all rechargeable , highly efficient, maintenance free & leakage proof usable in all positions and it meets the standards of JISC, BS, DIN, IEC etc.
	We're ISO9001certified &UL approved as well as CE
	Our containers were all ABS resin and grades were : UL94-HB, UL94V-0 & UL94V-2 (flame retardant types could be arranged).

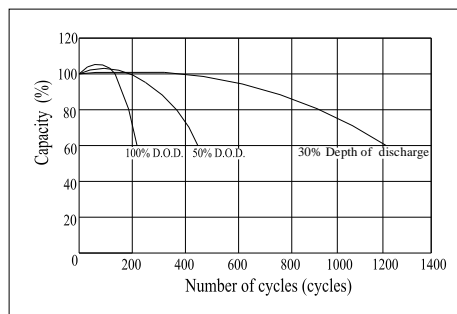
### Specification

Nominal voltage	12 volts
Capacity	205 ampere hours @20°C, 10 hours rated (cut off voltage 1.80V/cell)
Dimension	L: 546 mm W: 125 mm H: 317 mm TH: 325 mm
Weight approx.	57 kg or 125.7 pounds
Internal resistance	Approx. 3.1 mΩ
Self-discharge rate	Approx. 3% per month @ 25 degree Celsius
Operation temperature range	Discharged: -15 to 50 degree Celsius (5 to 122 degree F)
	Charging: 5 to 35 degree Celsius (41 to 95 degree F)
	Storage: 0 degree to 40 degree Celsius (32 to 104 degree F)
Floating charge voltage	13.50 to 13.80 volts (-15mv / degree Celsius)
Cyclic charging voltage	14.50 to 14.90 volts (-20mv / degree Celsius)
Maximum charging current	61.5 ampere (A)
Boost/equalizing charge	Not required
Terminal type	Copper
Container material	General ABS resin

Charging Characteristics(25°C)



Cycle Life(25°C)



Constant Current Discharge Characteristics (A, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	648	432	339	213	129	52.3	37.7	20.8	11.0
10.20V	615	410	326	204	123	51.5	37.1	20.6	10.9
10.80V	577	384	309	194	117	50.5	36.4	20.5	10.9

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	6814	4672	3732	2401	1474	614	445	249	132
10.20V	6465	4437	3581	2298	1409	605	438	247	131
10.80V	6068	4154	3393	2182	1343	593	429	247	131