

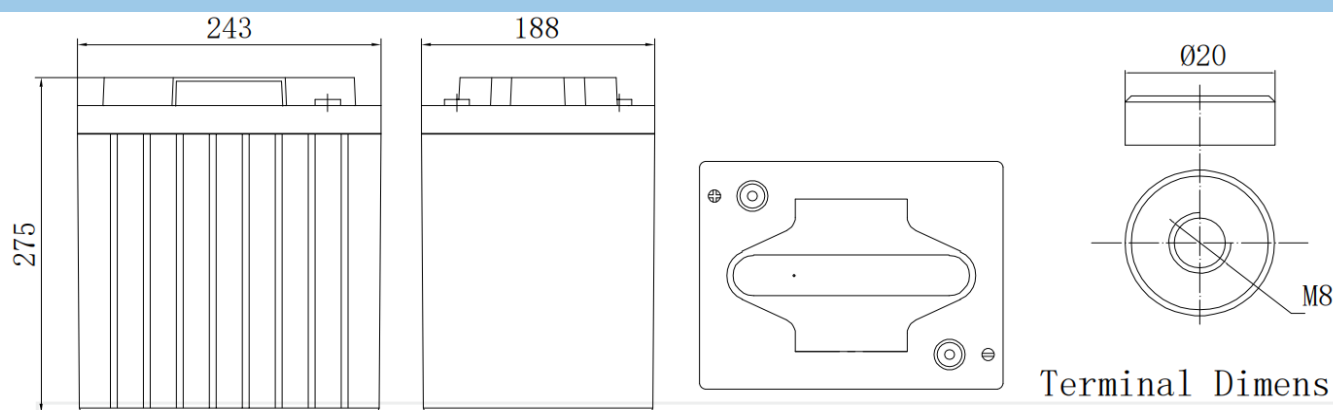
General Features

- Lead-carbon composite negative plate, both capacitance and battery characteristics
- Long cycle life, excellent deep cycle discharge ability
- Excellent charge acceptance ability
- Optimized capability of instant high-current discharging
- Strong high and low temperature performance
- Precision sealing technology



Dimension:243(L)×188(W) ×275(H)×275(TH)

Unit: mm



Terminal Dimensions

Specification

Nominal Voltage	6V
Nominal Capacity	225Ah
Design life	15 years
Terminal	M8
Approx. Weight	Approx31.7kg (69.9lbs)
Container Material	ABS
short-circuit current	2608A
Internal resistance(Full charged at 25°C:)	2.3 mΩ
Self discharge	3% of capacity declined per month at 25°C

Operating Temperature

Discharge:	-20 ~50°C(-4~ 122°F)
Charge :	-20 ~50°C(-4~ 122°F)
Storage:	-20 ~50°C(-4~ 122°F)

Charge Method(25 °C)

Charge current:	31.2A
Float charge:6.75-6.90V	recom.6.90V(-9mV/ °C)
Equalize charge:6.90-7.05V	recom.7.05V(-12mV/ °C)
Cycle charge:7.20-7.50V	recom.7.20V(-15mV/ °C)

Standards

Executive standar YD/T 799-2010

Applications

- Solar/ wind energy and other new energy storage
- Hybrid vehicles, electric bicycles and other new energy vehicles
- Other backup or cycle purposes

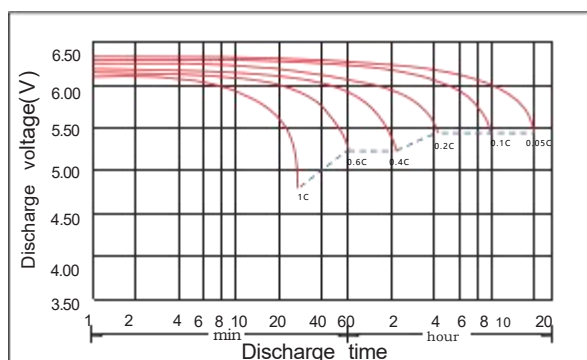
Rated Capacity

20Hour Rate (11.25A to 5.25V)	225.0Ah
3Hour Rate (59.8A to 5.10V)	179.4Ah
1Hour Rate (139A to 4.80V)	139.0Ah

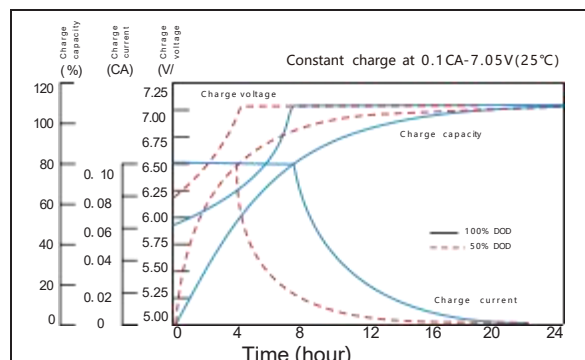
Attain Certificate

  	RoHS
    	

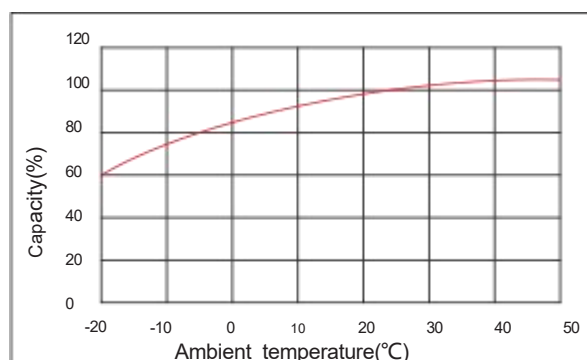
Discharge characteristic



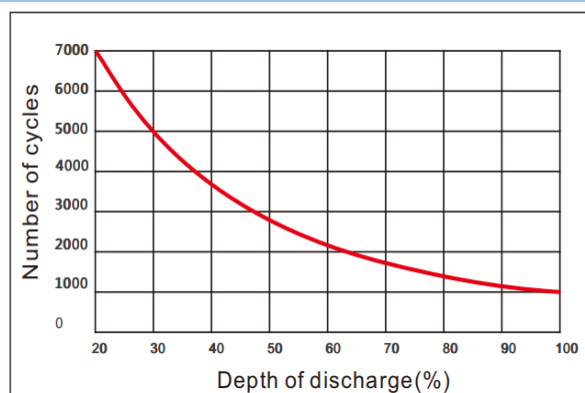
Charging characteristic



The effect of temperature on capacity



The effect of temperature on float life



Constant Current Discharge Characteristics Unit:A (25°C,77°F)

FV/Time	5min	10min	15min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	306	306	306	225	175	139	93.3	85.6	61.5	44.5	41.3	32.9	27.1	22.1	11.74
1.65V	301	301	301	221	172	138	92.2	84.5	60.9	44.1	40.9	32.7	26.9	21.8	11.58
1.70V	289	289	289	217	170	137	91.1	83.4	59.8	43.6	40.5	32.3	26.7	21.5	11.41
1.75V	266	266	266	216	169	135	90.5	82.3	59.3	43.3	40.1	32.0	26.5	21.2	11.25
1.80V	238	238	238	206	162	131	89.5	80.7	58.7	42.9	38.9	31.6	26.2	20.8	11.09
1.85V	212	212	212	188	149	122	86.7	76.8	55.4	41.6	37.0	30.7	25.2	20.3	10.81

Constant Power Discharge Characteristics Unit: W/cell (25°C ,77°F)

FV/Time	5min	10min	15min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	520	520	520	405	323	265	181	166	119	86.3	80.1	64.2	52.8	44.5	23.0
1.65V	512	512	512	398	319	263	179	164	118	85.5	79.4	63.7	52.4	44.2	22.7
1.70V	491	491	491	391	315	261	177	162	116	84.6	78.5	62.7	52.1	43.7	22.4
1.75V	452	452	452	388	313	258	176	160	115	83.9	77.6	62.2	51.7	43.3	22.0
1.80V	404	404	404	371	301	251	174	157	114	83.1	75.5	61.3	51.1	42.8	21.7
1.85V	363	363	363	341	278	234	169	150	108	81.1	72.1	59.9	49.3	41.8	21.3