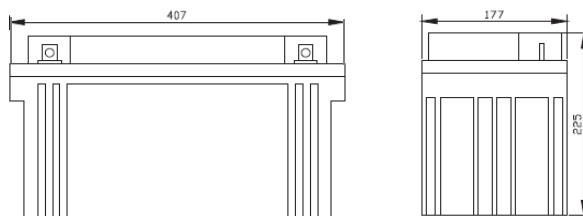
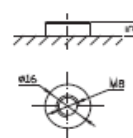


DEEP CYCLE GEL BATTERY
Rated voltage: 12 V **Capacity:** 120Ah C₂₀ at 25°C(77°F) to 1.75V per cell

- * Designed floating service life 12 years
- * World-wide compatibility
- * Easy installing and maintenance with low operation cost
- * Designed for frequent cycling discharge
- * Extreme temperature operation range
- * Strong plate grids
- * Better safety performance and reliability
- * High efficiency of recovery
- * Environmental friendly

Size: 407x177x225mm
Weight: 35 kg


Terminal F12


Application:

Solar and wind power system
 Marine
 Deep discharged cycling UPS
 Motive power, traction
 E-toll

Company Certificates

ISO 9001:2009
 ISO 14001:2005
 OHSAS 18001:2008


Technical details

Max discharge current:	1200A (5sec)	Self-discharge:	less than 9% 90 days @ 25°C (77°F)
Internal resistance (charged):	5mΩ@ 25°C(77°F)	Max charge current:	24A
Temperature range	optimum 25°C	Charge voltage at 25°C	Float: 2.25V-2,30V
Application temperature:	-40°C ~ 60°C(-40°F ~ 140°F)	Terminal output:	Equalization, Cycle: 2.4V-2,75V
Storage:	-40°C ~ 60°C(-40°F ~ 140°F)	Container	M8 ABS
Charge:	-20°C~50°C(-4°F~122°F)		
Temperature compens.factor:	-3 mV/°C		

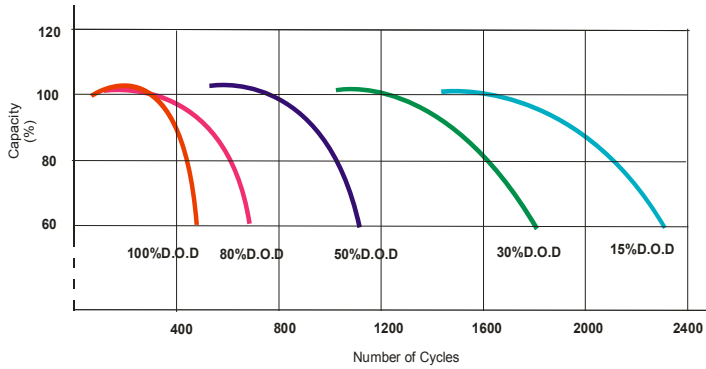
Discharge current (A/25°C, 77°F):

End Voltage	5min	10min	15min	30min	1Hr	2Hr	3Hr	4Hr	5Hr	8Hr	10Hr	20Hr
1,60	378,5	271,9	197,3	123,9	70,1	40,0	28,1	23,3	19,6	13,5	11,4	6,1
1,70	347,1	248,9	190,2	120,7	69,0	39,4	27,8	23,1	19,4	13,3	11,2	5,8
1,75	311,7	229,7	181,1	117,7	68,4	39,1	27,7	22,8	19,1	13,2	11,1	5,7
1,80	281,3	209,5	167,0	112,6	66,8	38,4	26,9	22,3	18,8	13,0	11,0	5,6
1,85	244,9	187,2	149,8	105,5	63,4	36,7	25,7	21,2	18,0	12,4	10,7	5,3

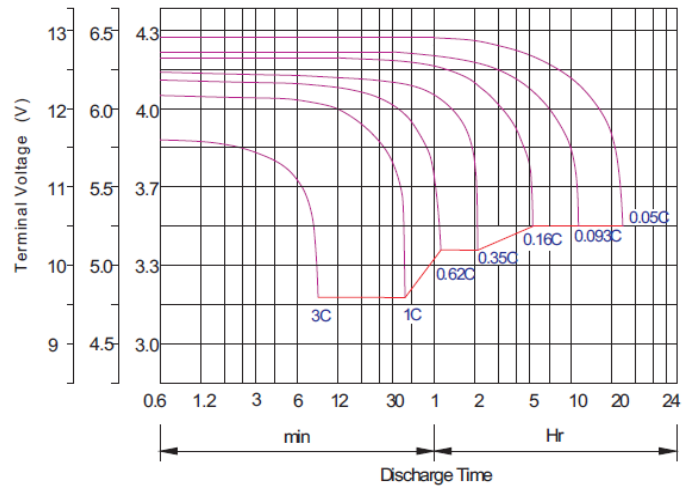
Discharge power (W/25°C, 77°F):

End Voltage	5min	10min	15min	30min	1Hr	2Hr	3Hr	4Hr	5Hr	8Hr	10Hr	20Hr
1,60	3604,5	2635,8	1940,7	1397,9	800,7	459,8	324,4	268,8	226,8	156,9	128,6	67,9
1,70	3333,0	2433,6	1874,5	1364,3	791,0	453,8	321,8	266,9	224,7	154,9	126,6	66,6
1,75	3001,3	2248,7	1787,5	1333,3	783,3	449,6	319,9	265,0	222,7	153,6	125,3	65,9
1,80	2699,7	2041,7	1642,3	1272,5	763,9	443,0	312,1	257,9	219,2	150,3	124,0	65,3
1,85	2330,4	1813,3	1413,3	1192,4	723,8	422,5	296,6	245,6	208,1	145,1	120,0	62,6

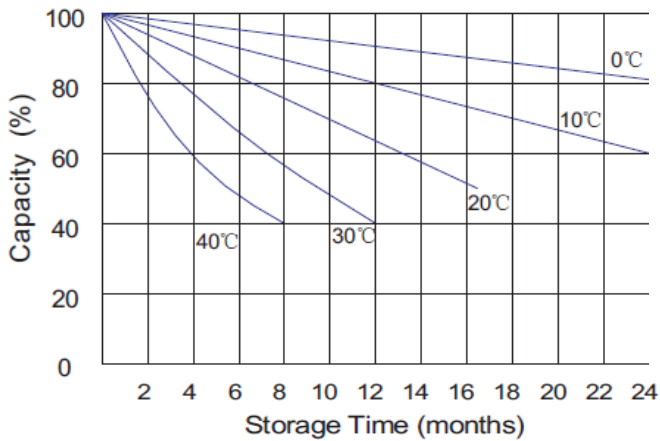
Cycle life



Discharge curves



Selfdischarge at different temperature



Charging curves

