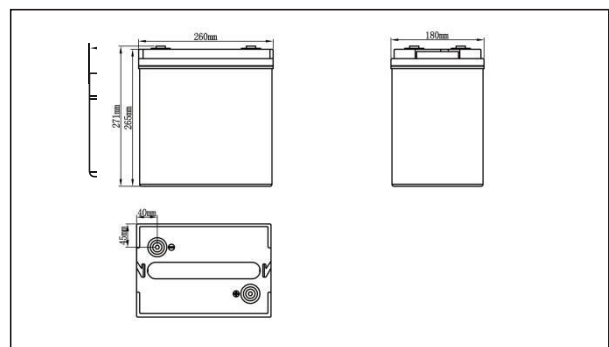


EV225-6 [6V225Ah]

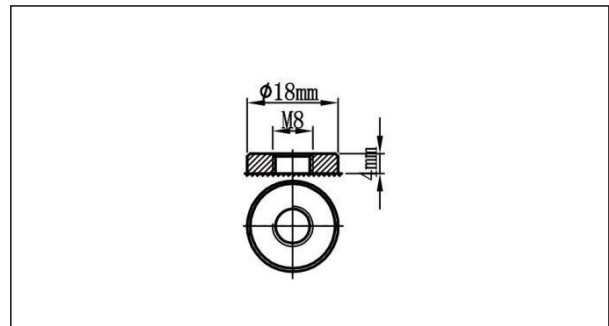
Specifications

Nominal Voltage		6V
Rated capacity (10 hour rate)		225Ah
Dimensions	Length	260±3mm(10.24inch)
	Width	180±2mm(7.09inch)
	Height	265±3mm(10.43inch)
	Total Height	271±3mm(10.67inch)
Approx. Weight		31.8kg(70.1lbs)

Outer dimensions (mm)



Terminal Type (mm)



Construction

Component	Positive plate	Negative plate	Container	C over	Separator	Electrolyte	Safety valve	Terminal
Raw material	Lead dioxide	Lead	ABS	ABS	AGM	GEL	Rubber	Copper

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

F.V/Time	10min	15min	30min	45min	1h	1.5h	2h	3h	5h	8h	10h	20h
4.80	510	402	228	197	135	106	91	57	39.6	26.5	22.8	11.9
5.10	463	366	206	184	130	102	86	55	37.7	25.4	22.3	11.7
5.25	440	347	196	178	127	99	85	53	37.4	24.9	22.2	11.6
5.40	420	331	186	172	123	98	82	51	35.8	24.6	22.0	11.5

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

F.V/Time	10min	15min	30min	45min	1h	1.5h	2h	3h	5h	8h	10h	20h
4.80	2519	2198	1428	1039	862	630	470	350	227	172	135	72.2
5.10	2285	1992	1295	970	824	600	448	334	217	165	132	70.7
5.25	2175	1897	1260	937	803	585	437	327	210	162	131	70.0
5.40	2073	1767	1201	905	782	570	427	318	205	159	129	69.5

Note: The above characteristics data can be obtained within three charge or discharge cycles.

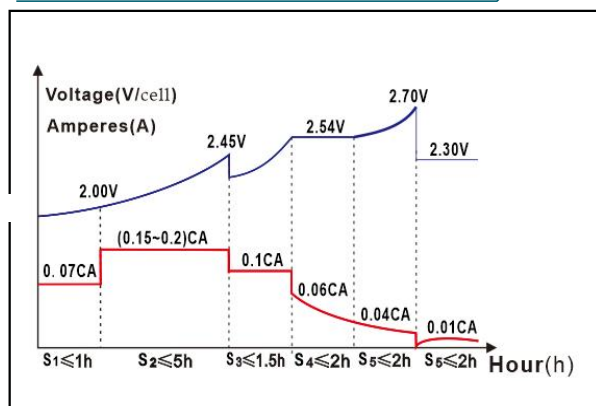


Characteristics

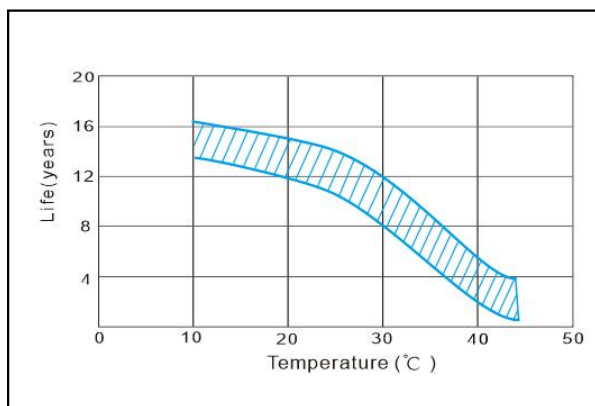
Capacity (25 °C)	20HR(5.40V)	232.0Ah
	10HR(5.40V)	220.0Ah
	5HR(5.40V)	132.0Ah
Terminal type		T24(M8)
Internal resistance (Fully charged, 25°C)		Approx. 1.73m Ω
Capacity affected by temperature (20HR)	40°C	103%
	25°C	100%
	0°C	86%
Self-discharge (25°C)	3month	Remaining Capacity:91%
	6month	Remaining Capacity:82%
	12month	Remaining Capacity:65%
Nominal operating temperature		25°C±3 °C(77 °F±5°F)
Operating temperature range	Discharge	-15 °C~50°C(5 °F~ 122 °F)
	Charge	-10 °C~50°C(14 °F~ 122 °F)
	Storage	-20 °C~50°C(-4 °F~ 122 °F)
Float charging voltage(25°C)		6.80 to 6.90V Temperature compensation: -18mV/ °C
Cyclic charging voltage(25°C)		7.30 to 7.40V Temperature compensation: -30mV/ °C
Maximum charging current		45A
Maximum discharge current		660A(5 sec.)



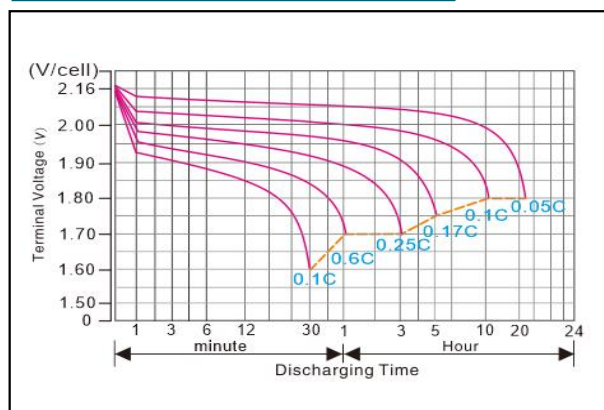
● Charge Characteristic Curve for Cycle Use(IUUU)



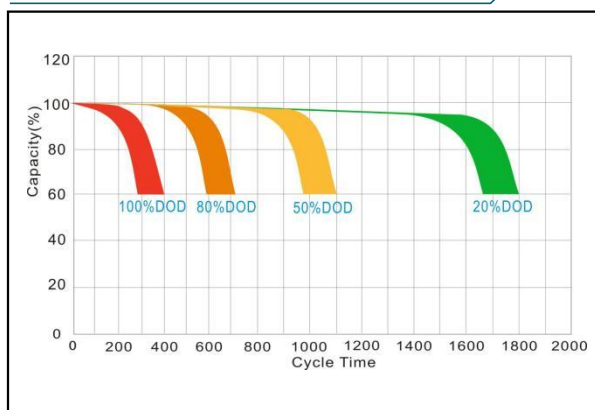
● Effect of temperature on long term float life



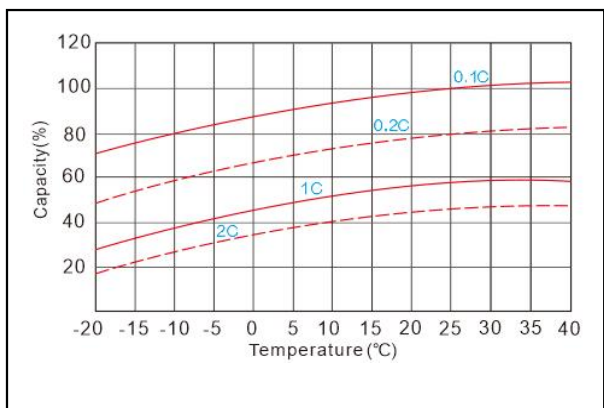
● Discharge Characteristic (25°C/77°F)



● Cycle Life in Relation to Depth of Discharge



● Capacity Curve At Different Temperature



● Self Discharge Characteristics

