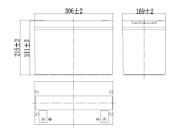


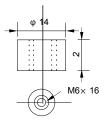
Specifications

Nominal Voltage	12V			
Number of cell	6 cells			
Rated capacity(15min.rat	330 Watts/cell			
Dimensions	Length	306±2mm(12.05inch)		
	Width	169±2mm(6.65inch)		
	Height	211±2mm(8.31inch)		
	Total Height	215±2mm(8.46inch)		
Approx. Weight	28.5kg(62.8lbs)±3%			

Outer dimensions (mm)



Terminal Type (mm)



Characteristics

Capacity(2	0H R,25°C)	100Ah				
Capacity(15m	nin.rate,25°C)	330 Watts/cell				
Termin	al type	T14				
	esistance ged,25°C)	Approx.5m Ω				
	40°C	102%				
Capacity affected by	25°C	100%				
temperature (10HR)	0°C	85%				
(IOI IIV)	-15°C	65%				
	3 months	Remaining Capacity:91 %				
Self-discharge (25°C)	6 months	Remaining Capacity:82%				
(== =)	12 months	Remaining Capacity:65%				
Nominal operati	ing temperature	25°C ±3°C(77°F ±5°F)				
Operating	Discharge	-15°C-50°C(5°F-122°F)				
temperature	Charge	-10°C-50°C(14°F-122°F)				
range	Storage	-20°C-50°C(-4°F-122°F)				
Float charging	voltage(25°C)	13.50 to 13.80V Temperature compensation: -18mV/ °C				
Cyclic charging	g voltage(25°C)	14.50 to 15.00V Temperature compensation: -30mV/°C				
Maximum cha	arging current	30A				
Maximum disc	charge current	800A(5 sec.)				
Designed floa	ting life(20°C)	10 years				

Construction

Component	Positive plate	Negative plate Container		Cover	Separator	Electrolyte	Safety valve	Terminal	
Raw material	Lead dioxide	Lead	ABS	ABS	AGM	Sulfuric acid	Rubber	Copper	

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

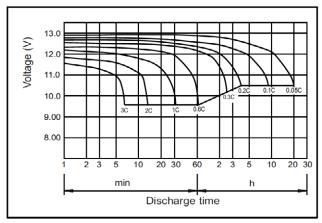
F.V/Time	10min	15min	20min	30min	45min	60min	2h	3h	4h	5h	6h
1.60V/cell	215	176	141	99.8	74.4	60.7	34.7	24.9	20.1	17.4	14.9
1.67V/cell	206	171	135	96.6	72.0	59.2	34.4	24.7	19.9	17.3	14.8
1.70V/cell	200	166	132	94.8	70.6	58.2	34.2	24.6	19.8	17.2	14.7
1.75V/cell	192	160	128	92.5	68.9	57.1	33.7	24.4	19.7	17.1	14.6
1.80V/cell	181	151	121	89.1	66.4	55.3	32.8	23.7	19.1	16.6	14.2

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

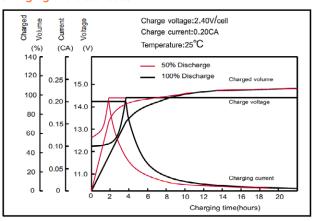
F.V/Time	10min	15min	20min	30min	45min	60min	2h	3h	4h	5h	6h
1.60V/cell	405	340	272	193	144	117	67.7	49.1	39.5	34.5	29.5
1.67V/cell	386	330	261	186	139	114	67.1	48.6	39.2	34.2	29.3
1.70V/cell	376	320	256	183	136	112	66.7	48.4	39.0	34.1	29.2
1.75V/cell	360	309	247	179	133	110	65.7	48.1	38.7	33.9	29.0
1.80V/cell	340	292	234	172	128	107	64.0	46.7	37.6	32.8	28.1

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

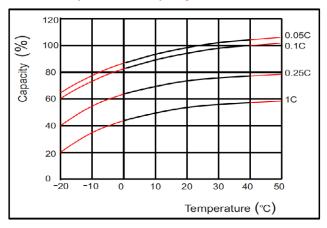
Discharge characteristics(25°C)



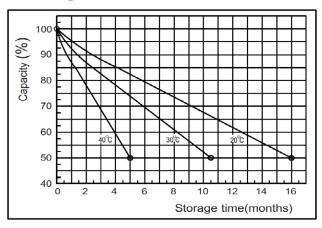
Charging characteristics



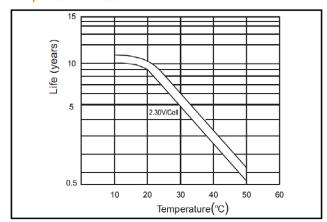
Effect of Temperature on Capacity



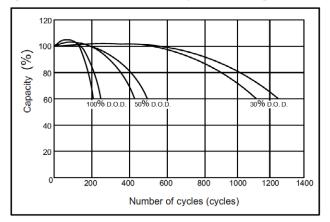
Self-discharge characteristics



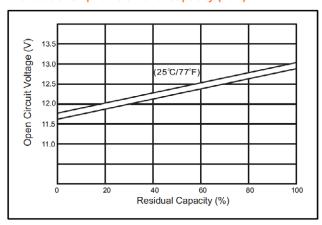
Temperature effects on float life



Cycle service life in relation to depth of discharge



The relationship for OCV and Capacity (25't)



The relationship for Charging voltage and Temperature

