



● Specifications

Nominal Voltage		12V
Rated Capacity 77°F(25°C) (20HR)		18.0Ah
Dimensions (mm)	Length	181±2
	Width	77±1.5
	Height	167±2
	Total Height	170±2
Approx. Weight (kg)		4.75
Terminal		T10

● Characteristic

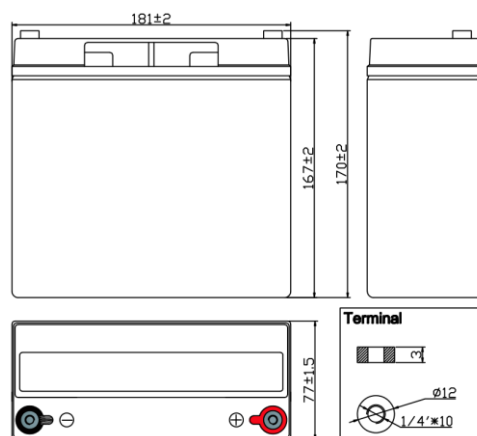
Capacity 77°F(25°C)	20HR (0.90A)	18.0Ah
	10HR (1.67A)	16.7Ah
	5HR (3.06A)	15.3Ah
	1HR (11.0A)	11.0Ah
	15 min rate (33.3A)	8.3Ah
Internal Resistance	Full Charged Battery 77°F(25°C)	Approx. 18mΩ
Temperature dependence of capacity (20HR)	104°F(40°C)	102%
	77°F(25°C)	100%
	32°F(0°C)	85%
	5°F(-15°C)	65%
Self-Discharge 68°F(20°C) (Capacity after)	3 months	90%
	6 months	80%
	12 months	60%
Max. Discharge Current, 77°F(25°C)		255A(5s)
Floating design life, 77°F(25°C)		5 years
Constant Voltage Charge, 77°F(25°C)	Cycle	14.5~14.9V(-24mV/°C) max. current: 5.1A
	Float	13.6~13.8V(-18mV/°C)

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

F.V/TIME	5min	10min	15min	30min	60min	2H	3H	5H	8H	10H	20H
1.60V/cell	64.60	40.80	31.45	17.00	10.76	6.064	4.437	2.999	1.999	1.632	0.876
1.70V/cell	61.37	38.76	30.04	16.25	10.37	5.831	4.335	2.944	1.979	1.615	0.867
1.75V/cell	60.15	37.91	29.50	15.91	10.18	5.722	4.250	2.890	1.938	1.581	0.850
1.80V/cell	59.01	37.06	28.97	15.61	10.01	5.624	4.177	2.841	1.916	1.564	0.850

Constant Wattage Discharge Characteristics (Watt), 77°F(25°C)

F.V/TIME	5min	10min	15min	30min	60min	2H	3H	5H	8H	10H	20H
1.60V/cell	117.36	74.80	58.18	31.73	20.27	11.52	8.504	5.798	3.898	3.210	1.722
1.70V/cell	112.51	71.71	56.07	30.61	19.70	11.18	8.381	5.742	3.892	3.203	1.720
1.75V/cell	111.27	70.77	55.55	30.23	19.52	11.06	8.288	5.684	3.844	3.162	1.700
1.80V/cell	110.15	69.80	55.04	29.91	19.35	10.97	8.215	5.634	3.800	3.128	1.700



Discharge Characteristics 77°F (25°C)

