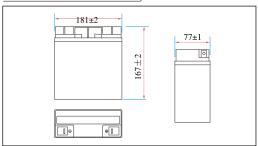


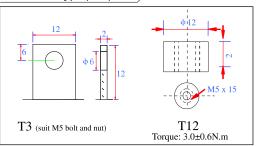
Specifications

Nomir	nal voltage	12V (6 cells per unit)				
Rated cap	pacity (20HR)	18Ah/10.5V				
Dimensions	Length	181±2mm (7.13inch)				
	Width	77±1mm (3.03inch)				
	Height	167±2mm (6.57inch)				
	Total height	167±2mm (6.57inch)				
Appro	ox. weight	5.70kg (12.5lbs)±4%				

Outer dimensions (mm)



Terminal Type (mm)



Characteristics

Applications

	20HR (10.5V)	18Ah				
Capacity	10HR (10.5V)	17.7Ah				
(25°C)	` ′					
	1HR (9.60V)	12Ah				
Termina	ıl type	T3/T12				
Internal resistance (F	ully charged, 25°C)	Approx. $12m\Omega$				
Commit .	40°C	102%				
Capacity affected by	25°C	100%				
temperature (10HR)	0°C	85%				
(10HK)	-15°C	65%				
	3 months	Remaining capacity: 91%				
Self-discharge (25°C)	6 months	Remaining capacity: 82%				
(== =)	12 months	Remaining capacity: 65%				
Nominal operation	ng 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 v	roltage (25°C)	13.60 to 13.80V Temperature compensation: -18mV/°C/Block				
Cyclic charging	voltage (25°C)	14.50 to 15.00V Temperature compensation: -30mV/°C/Block				
Maximum cha	rging current	6A				
Maximum disc	harge current	300A (5 sec.)				
Design life	5 y	ears for floating (25°C)				
Design me	Eurobat (20°C	Eurobat (20°C): 3-5 years, standard commercial.				

Unique Features

- Longer shelf life
- No water topping up throughout the life
- Good cycling performance
- ✓ AGM Technology for efficient Gas Recombination.

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: Ampere/Block (at 25°C, 77°F)

F.V/Time	5min	10min	15min	30min	60min	2h	3h	4h	5h	@C10	@20h
9.60V	76.4	48.4	37.8	21.3	13.1	7.17	4.96	4.10	3.49	1.79	1.02
9.90V	74.1	46.9	36.9	20.9	12.9	7.12	4.93	4.08	3.47	1.79	1.01
10.2V	71.1	45.0	35.5	20.2	12.6	7.06	4.89	4.05	3.44	1.78	1.01
10.5V	68.0	43.1	34.3	19.7	12.3	6.95	4.86	4.02	3.42	1.77	1.00
10.8V	64.2	40.7	32.5	19.0	11.9	6.78	4.71	3.90	3.32	1.73	0.98

Constant power discharge characteristics unit: Watt/Block (at 25°C, 77°F)

F.V/Time	5min	10min	15min	30min	60min	2h	3h	4h	5h	@C10	@C20
9.60V	853	546	431	244	152	83.8	58.9	48.8	41.7	22.7	12.2
9.90V	827	530	421	239	149	83.3	58.5	48.5	41.4	22.6	12.1
10.2V	793	508	405	232	146	82.6	58.1	48.2	41.1	22.5	12.1
10.5V	759	486	391	226	143	81.4	57.7	47.9	40.8	22.4	12.0
10.8V	716	459	371	218	138	79.3	56.0	46.4	39.6	21.9	11.8

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

