

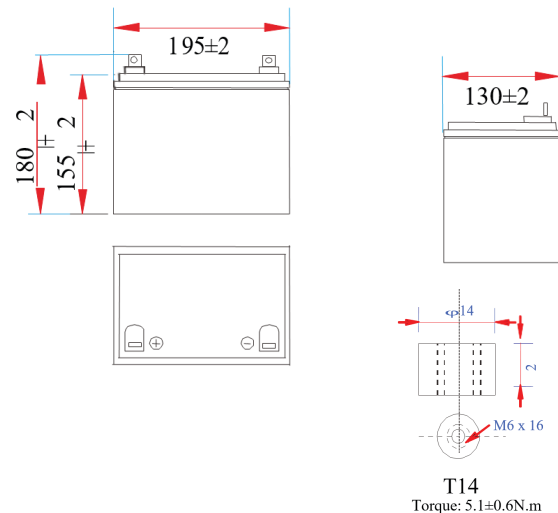
SPECIFICATION / TECHNICAL SHEET

Specifications

Nominal Voltage	12V (6 cells per unit)	
Rated capacity (20 hour rate)	35Ah/10.8V	
Dimensions	Length	195±2mm (7.68inch)
	Width	130±2mm (5.12inch)
	Height	155±2mm (6.10inch)
	Total Height	T14: 167/ T6: 180 ±2mm
Approx. Weight	10.00kg±4%	

Characteristics

Capacity (25°C)	20HR(10.8V)	35Ah
	10HR(10.8V)	33Ah
	1HR(10.5V)	19Ah
Terminal type		M6
Internal resistance (Fully charged, 25°C)		Approx. 11mΩ
Capacity affected by temperature (10HR)	40°C	102%
	25°C	100%
	0°C	85%
Self-discharge (25°C)	-15°C	65%
	3month	Remaining capacity: 91%
	6month	Remaining capacity: 82%
Nominal operating temperature	12month	Remaining capacity: 65%
		25°C ± 3°C (77°F ± 5°F)
	Operating temperature range	Discharge
Charge		-10°C - 50°C (14°F - 122°F)
Storage		-20°C - 50°C (-4°F - 122°F)
Float charging voltage (25°C)		13.50 to 13.80V Temperature compensation: -18mV/°C/Block
Cyclic charging voltage (25°C)		14.4 to 14.7V Temperature compensation: -30mV/°C/Block
Maximum charging current		9.9A
Maximum discharge current		330A (5 sec.)
Designed floating life (25°C)		10 years



Applications

- All Purpose
- Standby Applications
- Recreation Vehicles
- Uninterruptible Power Supply (UPS)
- Electric Power System (EPS)
- Fire & Security
- Generators
- Medical Equipment



SPECIFICATION / TECHNICAL SHEET cont.

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

F.V/Time	10min	15min	30min	60min	2h	3h	4h	5h	8h	10h	20h
9.60V	71.9	55.4	33.2	20.4	12.1	8.68	6.93	5.92	4.07	3.36	1.78
9.90V	69.8	54.1	32.5	20.1	12.0	8.63	6.89	5.89	4.05	3.35	1.78
10.2V	66.9	52.1	31.5	19.6	11.9	8.57	6.85	5.85	4.02	3.34	1.77
10.5V	64.0	50.3	30.7	19.0	11.7	8.51	6.80	5.81	3.99	3.32	1.76
10.8V	60.4	47.7	29.6	18.4	11.4	8.26	6.59	5.63	3.87	3.30	1.75

Constant Power Discharge Characteristics Unit: W 25°C

F.V/Time	10min	15min	30min	60min	2h	3h	4h	5h	8h	10h	20h
9.60V	777	609	372	232	140	102	81.5	70.0	48.4	40.1	21.4
9.90V	754	594	365	229	139	102	81.1	69.6	48.1	40.0	21.3
10.2V	723	572	354	223	138	101	80.5	69.1	47.8	39.9	21.3
10.5V	691	553	345	216	136	100	79.9	68.7	47.4	39.7	21.1
10.8V	653	524	332	209	132	97.1	77.5	66.6	46.0	39.4	21.0

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



For pricing and availability please contact the team
at SPB on 1300 001 772 or sales@spb.net.au