

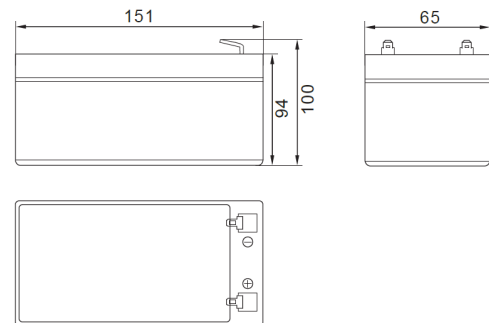
SPECIFICATION / TECHNICAL SHEET

Specifications

Nominal Voltage	12V	
Nominal Power @ 15min (1.67V/Cell)	35W	
Rated capacity (20 hour rate)	9Ah	
Dimensions	Length	151±2mm
	Width	65±2mm
	Height	94±2mm
	Total Height	100±2mm
Approx. Weight	2.73kg±4%	

Characteristics

Capacity (25°C)	20HR(10.5V)	9Ah
	5HR(10.5V)	7.95Ah
Terminal type	F2	
Internal resistance (Fully charged, 25°C)	Approx. 19mΩ	
Capacity affected by temperature (10HR)	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
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)	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 charging current	2.8A	
Maximum discharge current	135A (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	5min	10min	15min	20min	30min	45min	60min	2h	3h	4h	5h
1.60V/cell	42.5	25.7	18.69	14.80	12.22	7.49	5.92	3.31	2.35	1.89	1.62
1.67V/cell	38.8	24.6	18.06	14.17	11.82	7.25	5.78	3.28	2.33	1.87	1.61
1.70V/cell	35.9	23.9	17.53	13.86	11.60	7.12	5.68	3.26	2.32	1.87	1.60
1.75V/cell	32.7	22.9	17.01	13.44	11.32	6.94	5.57	3.21	2.30	1.85	1.59
1.80V/cell	30.8	21.5	16.06	12.94	10.91	6.68	5.40	3.13	2.23	1.80	1.55

Constant Power Discharge Characteristics Unit: W 25°C

F.V/Time	5min	10min	15min	20min	30min	45min	60min	2h	3h	4h	5h
1.60V/cell	76.8	47.9	36.8	28.4	20.4	14.5	11.5	6.58	4.72	3.80	3.27
1.67V/cell	72.6	45.7	35.5	27.3	19.7	14.2	11.2	6.52	4.68	3.77	3.24
1.70V/cell	70.0	44.5	34.5	26.7	19.4	14.0	11.0	6.48	4.66	3.75	3.22
1.75V/cell	66.4	42.6	33.4	25.8	18.9	13.7	10.8	6.39	4.63	3.73	3.20
1.80V/cell	60.8	40.3	31.6	24.4	18.2	13.5	10.5	6.22	4.49	3.61	3.11

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