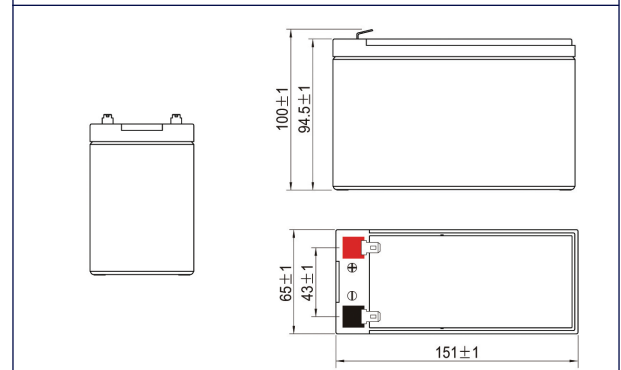
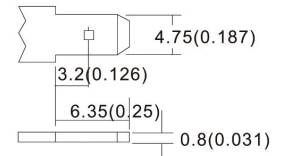


PS1285 Specifications



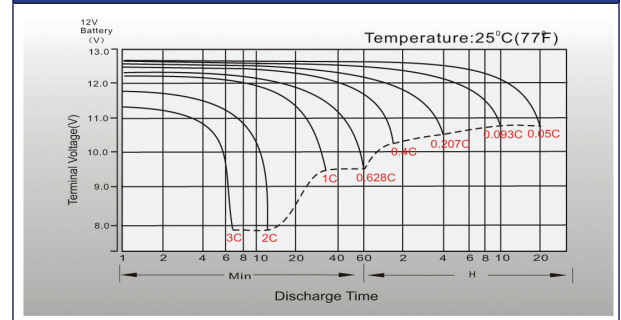
PHYSICAL DIMENSION/TERMINAL (mm)

T1 Terminal
Unit: mm [inches]



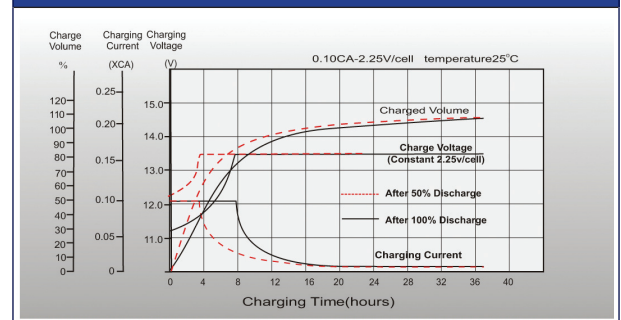
PHYSICAL SPECIFICATION	
Nominal Voltage	12V
Nominal Capacity(20HR)	8.5AH
Dimension	Length 151±2mm
	Width 65±1mm
	Container Height 94.5±1mm
	Total Height 100±1mm
Approx Weight	Approx 2.75 kg
Terminal	T1
Container Material	ABS

DISCHARGE CHARACTERISTICS (25°C, 77°F)



ELECTRICAL SPECIFICATION	
Rated Capacity	8.50 AH/0.425A (20hr, 1.80V/cell, 25°C/77°F)
	7.91 AH/0.791A (10hr, 1.80V/cell, 25°C/77°F)
	7.22 AH/1.45A (5hr, 1.75V/cell, 25°C/77°F)
	6.50 AH/2.17A (3hr, 1.75V/cell, 25°C/77°F)
	5.34 AH/5.34A (1hr, 1.60V/cell, 25°C/77°F)
Max. Discharge Current	127.5A (5s)
Internal Resistance	Approx 18mΩ
Operating Temp. Range	Discharge : -15-50°C(5-122°F)
	Charge : 0-40°C(32-104°F)
	Storage : -15-40°C(5-104°F)
Nominal Operating Temp. Range	25±3°C(77±5°F)
Cycle Use	Initial Charging Current less than 2.55A. Voltage 14.4V-15.0V at 25°C(77°F)Temp. Coefficient -30mV/°C
Standby Use	No limit on initial Charging Current Voltage 13.5V-13.8V at 25°C(77°F)Temp. Coefficient -20mV/°C
Capacity affected by Temperature	40°C (104°F) 103%
	25°C (77°F) 100%
	0°C (32°F) 86%

FLOAT CHARGING CHARACTERISTICS (25°C)



For trade enquiries call **1300 362 287** www.centurybatteries.com.au



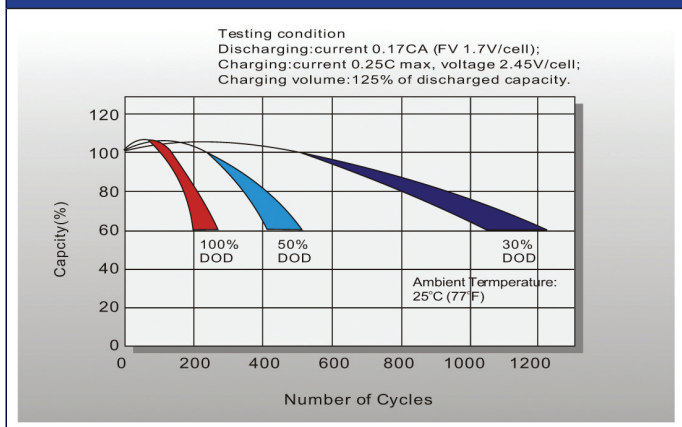
CONSTANT CURRENT DISCHARGE (AMPERES) at 25°C (77°F)

F.V/Time	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	16.2	12.4	10.3	8.9	6.88	5.07	4.27	2.53	1.98	1.61	1.31	1.14	0.918	0.767	0.421
1.80V/cell	21.7	15.9	12.4	10.5	8.12	5.90	4.79	2.76	2.13	1.72	1.41	1.22	0.973	0.791	0.425
1.75V/cell	24.5	17.5	13.6	11.3	8.43	6.12	5.01	2.86	2.17	1.76	1.45	1.25	0.990	0.812	0.429
1.70V/cell	27.0	19.0	14.5	11.9	8.78	6.36	5.17	2.93	2.23	1.80	1.48	1.28	1.004	0.828	0.437
1.65V/cell	29.7	20.5	15.4	12.6	9.26	6.52	5.29	2.98	2.32	1.86	1.52	1.31	1.020	0.845	0.443
1.60V/cell	32.8	22.3	16.5	13.5	9.78	6.80	5.34	3.10	2.39	1.92	1.57	1.34	1.030	0.854	0.445

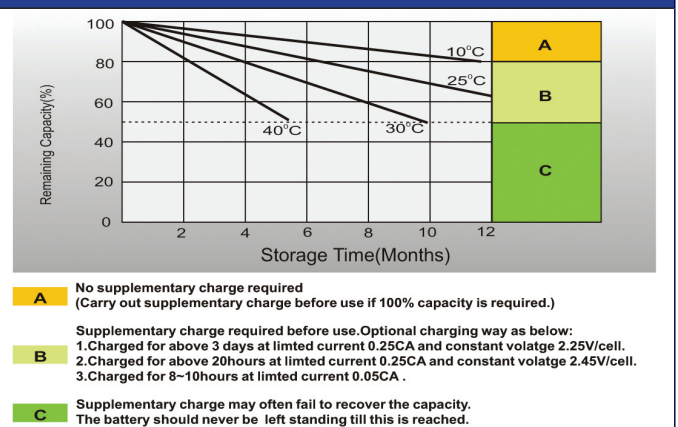
CONSTANT POWER DISCHARGE (WATTS) at 25°C (77°F)

F.V/Time	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	29.6	23.0	19.2	16.8	13.1	9.75	8.25	4.91	3.86	3.14	2.57	2.24	1.81	1.52	0.834
1.80V/cell	39.3	29.0	22.9	19.5	15.2	11.2	9.19	5.32	4.13	3.34	2.75	2.39	1.92	1.56	0.841
1.75V/cell	43.4	31.3	24.7	20.8	15.7	11.6	9.57	5.50	4.18	3.40	2.81	2.45	1.94	1.60	0.848
1.70V/cell	46.4	33.4	26.0	21.7	16.2	12.0	9.84	5.62	4.29	3.49	2.88	2.49	1.97	1.63	0.863
1.65V/cell	50.5	35.7	27.4	22.9	17.0	12.2	9.99	5.67	4.46	3.59	2.95	2.54	2.00	1.66	0.873
1.60V/cell	54.4	37.9	28.9	24.1	17.8	12.6	10.0	5.89	4.57	3.69	3.03	2.59	2.01	1.68	0.877

CYCLE LIFE IN RELATION TO DEPTH OF DISCHARGE



SELF DISCHARGE CHARACTERISTICS



Battery Disposal

This battery is 98% recyclable. Help create a cleaner Australia, return your used battery to the original place of purchase or your nearest CenturyYuasa approved Battery Recycling Centre. Visit the website or call **1300 650 702** to find the nearest centre to you.

recycle**my**battery.com.au

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