

TOPIN 12V40Ah

12TP40

- SSL approved
- Case and cover made of high quality ABS
- Freedom from electrolyte maintenance
- Not restricted for air or surface transport
- Each cell is individually valved
- Multi cell design for economy of installation and maintenance
- Lead Calcium Alloy grids for minimal gassing and ease of recycling
- Absorbent Glass Matt (AGM) technology for efficient gas recombination of up to 99%

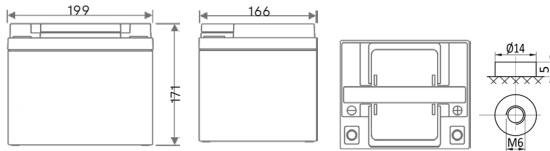


12TP40

BATTERY SPECIFICATIONS



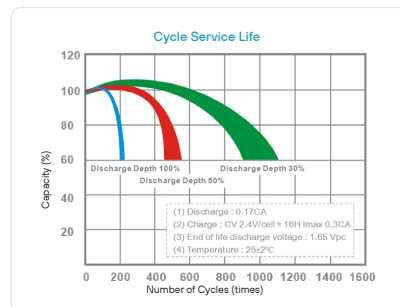
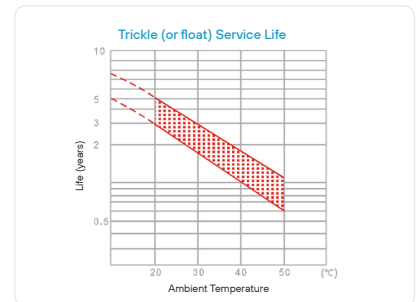
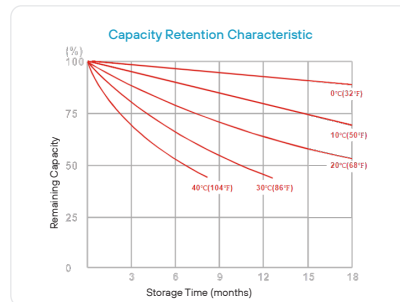
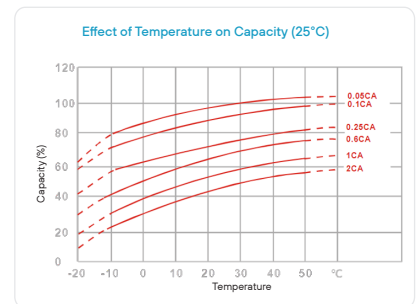
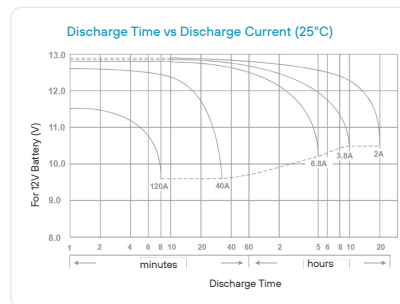
Dimensions



Specifications

Nominals Voltage	12V
Number of Cells	6
Design life	10 Years
Normal Capacity 25°	
20 Hr rate (10.5V)	43Ah
10 Hr rate (10.5V)	41Ah
5 Hr rate (10.5V)	38.3Ah
CCA at -18°C	350
Dimensions	199(L) x 166(W) x 171(H)mm
Weight	13.4kg
Terminal	M6
Torque Setting	7Nm
Charge voltage	Cycle: 14.4 - 14.6V at 25°C Float: 13.5 - 13.8V at 25°C
Internal resistance	7.5mΩ 25°C - Fully charged Battery
Electrolyte	Sulphuric acid
Operating Temperature	-20°C to +60°C

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(However it is recommended that the batteries be operated in the temperature range of 20 to 30°C to obtain full life and optimum performance.)

Specifications subject to change without notice.

PERFORMANCE DATA

12TP40

Discharge Constant Power (Watts at 25 C at 25°C)

End Voltage Time		1.85V	1.80V	1.75V	1.70V	1.67V	1.65V	1.60V
6	min	249	266	281	290	293	295	299
8	min	205	218	231	237	239	241	244
10	min	178	189	198	204	205	207	209
15	min	135	142	149	152	153	154	156
20	min	112	118	123	125	126	127	128
30	min	84.8	88.6	91.8	93.5	94.2	94.6	95.5
60	min	62.9	65.3	66.6	67.1	67.3	67.6	67.9
90	min	43.5	45.2	46.0	46.3	46.5	46.7	46.9
120	min	33.5	34.8	35.4	35.6	35.8	35.9	36.1
180	min	23.3	24.1	24.5	24.7	24.7	24.8	24.9
240	min	18.0	18.6	18.9	19.0	19.1	19.1	19.2
300	min	14.6	15.2	15.4	15.5	15.5	15.6	15.7
480	min	9.56	9.88	10.0	10.1	10.1	10.1	10.2
600	min	6.93	7.15	7.35	7.55	7.63	7.73	7.87
1200	min	3.55	3.75	3.93	4.08	4.15	4.23	4.35

Discharge Rates in Amps to Various End Voltages at 25°C

End Voltage Time		1.85V	1.80V	1.75V	1.70V	1.67V	1.65V	1.60V
6	min	141	150	159	164	166	167	169
8	min	114	121	128	132	133	134	135
10	min	97.0	103	108	111	112	113	114
15	min	72.1	76.1	79.6	81.4	82.2	82.6	83.5
20	min	58.5	61.4	64.0	65.4	65.9	66.2	66.9
30	min	43.5	45.5	47.1	48.0	48.3	48.5	49.0
60	min	31.7	32.9	33.6	33.8	33.9	34.1	34.2
90	min	21.9	22.7	23.1	23.3	23.4	23.5	23.6
120	min	16.8	17.5	17.8	17.9	18.0	18.0	18.1
180	min	11.6	12.0	12.2	12.3	12.4	12.4	12.5
240	min	8.94	9.25	9.40	9.47	9.50	9.53	9.57
300	min	7.29	7.54	7.66	7.72	7.74	7.77	7.80
480	min	4.75	4.91	4.98	5.01	5.03	5.04	5.06
600	min	3.92	4.04	4.10	4.13	4.14	4.15	4.17
1200	min	2.08	2.14	2.17	2.19	2.19	2.20	2.20