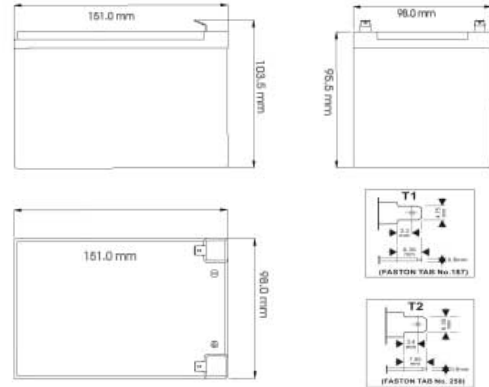




CT 14-12



Dimensions (mm)



Ampere Hour @ 20°C

End V per Cell	2 hr	3 hr	4 hr	5 hr	8 hr	10 hr	12 hr	20 hr
1.85	9.67	10.0	10.4	10.8	11.7	12.5	12.9	13.7
1.80	9.93	10.3	10.7	11.0	11.9	12.6	13.1	13.8
1.75	10.2	10.6	10.9	11.3	12.1	12.9	13.3	14.0
1.70	10.4	10.9	11.2	11.5	12.4	13.1	13.5	14.1
1.65	10.5	11.1	11.4	-	-	-	-	-
1.60	10.7	11.3	11.6	-	-	-	-	-

Specifications

Nominal Voltage		12V	
Nominal Capacity		14 Ah	
Dimensions	Total Height	94 mm	3.70 inches
	(Inc. terminals)	99 mm	3.90 inches
	Length	150 mm	5.91 inches
	Width	97 mm	3.82 inches
	Weight	4.00 Kg	8.40 lbs
Box Quantity		4	

Characteristics

Capacity 20 °C (68 °F) To 1.7 volts	20 hour rate	14.1 Ah
	10 hour rate	13.1 Ah
	5 hour rate	11.5 Ah
	1 hour rate	9.0 Ah
	15 min rate	6.3 Ah
Internal Resistance		22 mOhms
Capacity correction for Temperature Variations (C20)	40 °C (104 °F)	102%
	20 °C (68 °F)	100%
	0 °C (32 °F)	85%
	-15 °C (5 °F)	65%
Self-Discharge 20 °C (68 °F)	Capacity after 1 months storage	98%
	Capacity after 3 months storage	94%
	Capacity after 6 months storage	86%
Short Circuit Current 20 °C (68 °F)	580	
Terminal	Standard	Faston T2
	Optional	Faston T1
Charging (Constant Voltage)	Layout Ref.	
	Cyclic	2.35 - 2.40 VPC (20-25 °C)
	Float	2.27 - 2.30 VPC (15-25 °C)

Constant Power Discharge - Watts per Cell @ 20 C°

End V per Cell	5M	10M	15M	20M	25M	30M	35M	40M	45M	60M	90M	2 hr	3 hr	4 hr
1.85	70.0	52.5	42.0	33.6	27.9	24.0	21.4	19.5	18.2	14.8	11.05	8.88	6.20	4.70
1.80	78.4	57.4	44.1	35.5	29.2	25.0	22.1	20.0	18.6	15.0	11.16	8.99	6.33	4.82
1.75	78.9	59.3	45.4	36.3	29.9	25.6	22.5	20.4	18.9	15.1	11.27	9.06	6.41	4.91
1.70	80.5	60.6	46.7	37.0	30.5	26.2	23.1	20.9	19.2	15.4	11.34	9.10	6.43	4.93
1.65	82.4	61.3	47.2	37.4	30.8	26.4	23.4	21.2	19.4	15.5	11.43	9.14	6.46	4.95
1.60	96.6	64.8	48.4	38.6	31.9	27.3	24.1	21.7	19.8	15.8	11.61	9.29	6.55	5.04

Constant Amps Discharge - Amps @ 20 C°

End V per Cell	5M	10M	15M	20M	25M	30M	35M	40M	45M	60M	90M	2 hr	3 hr	4 hr	5 hr	8 hr	10 hr	12 hr	20 hr
1.85	37.8	27.2	21.4	17.8	15.4	13.72	12.32	11.15	10.25	8.40	6.21	4.84	3.34	2.59	2.16	1.46	1.25	1.08	0.69
1.80	43.4	29.4	23.2	19.0	16.4	14.3	12.79	11.61	10.71	8.75	6.38	4.96	3.44	2.67	2.21	1.49	1.26	1.09	0.69
1.75	47.6	31.9	24.5	19.7	16.8	14.7	13.16	11.90	10.92	8.86	6.50	5.08	3.53	2.73	2.25	1.52	1.29	1.11	0.70
1.70	35.5	32.8	25.1	20.3	17.2	15.1	13.37	12.04	11.07	8.96	6.58	5.18	3.62	2.79	2.30	1.55	1.31	1.12	0.70
1.65	37.0	33.6	25.6	20.9	17.6	15.3	13.58	12.21	11.16	9.03	6.69	5.27	3.71	2.86	-	-	-	-	-
1.60	38.5	34.3	26.0	21.1	17.8	15.5	13.78	12.41	11.31	9.16	6.79	5.35	3.76	2.90	-	-	-	-	-