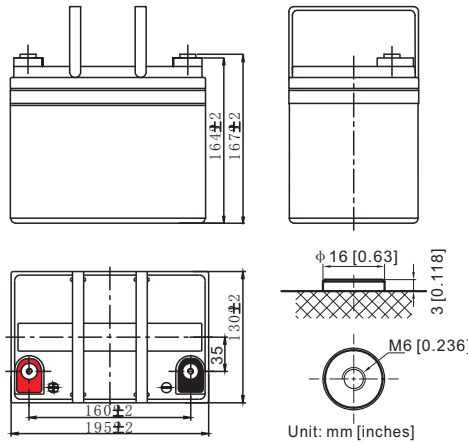


58EGPS-12-35-I(T6)(12V35AH)



Application

- ◆ UPS (High rate)
- ◆ High power backup supply
- ◆ Emergency power supply
- ◆ Emergency lighting
- ◆ Electric starting

Specification

Battery Type	Valve-Regulated, Absorbed Glass Mat (AGM) Technology		Self Discharge	≤ 3% of capacity declined per month at 25°C	
Capacity	150Watts/cell	15min rate(1.67V/cell)	Current	Max. Discharge Current(5s)	630A
	35AH	20HR(1.80V/cell)		Initial Charging Current	Less than 10.5A
Dimensions	Length	195mm (7.68 inches)	Operating Temp. Range	Discharge	-15~50°C (5~122°F)
	Width	130mm(5.12inches)		Charging	0~40°C (32~104°F)
	Height	164mm (6.46 inches)		Storage	-15~40°C (5~104°F)
	Total height	167mm(6.57 inches)	Internal Resistance	Approx 7mΩ (25°C)	
Approx Weight	Approx 10.2 kg(22.5lbs)		Container Material	ABS	
			Terminal	T6	

Constant Power Discharge (Watts/Cell) at 25°C (77°C)

F.V/Time	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	199.0	144.2	116.2	97.6	75.4	56.4	45.2	25.6	18.3	14.3	11.9	10.2	8.05	6.71	3.55
1.80V/cell	227.6	160.2	127.1	105.1	80.1	59.3	47.4	26.3	18.7	14.7	12.2	10.4	8.22	6.85	3.59
1.75V/cell	253.0	172.4	135.7	111.1	83.4	61.2	48.9	26.9	19.0	14.9	12.4	10.6	8.33	6.94	3.66
1.70V/cell	271.2	183.3	142.9	116.2	86.3	62.9	49.9	27.4	19.3	15.1	12.5	10.8	8.45	7.03	3.70
1.67V/cell	291.5	194.5	150.0	121.4	89.3	64.5	51.2	28.0	19.7	15.4	12.7	10.9	8.62	7.12	3.75
1.60V/cell	308.1	203.4	155.2	125.9	92.2	65.9	51.7	28.3	20.0	15.7	13.0	11.1	8.73	7.21	3.81

Constant Current Discharge (Amperes) at 25°C (77°C)

F.V/Time	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	102.3	73.7	59.1	49.4	37.9	28.3	22.6	12.7	9.04	7.06	5.85	5.01	3.93	3.26	1.72
1.80V/cell	118.2	82.7	65.2	53.7	40.7	29.9	23.8	13.2	9.31	7.28	6.02	5.15	4.03	3.35	1.75
1.75V/cell	132.8	89.9	70.3	57.2	42.7	31.2	24.7	13.5	9.54	7.46	6.15	5.25	4.11	3.41	1.79
1.70V/cell	144.0	96.6	74.9	60.5	44.6	32.3	25.5	13.9	9.7	7.60	6.27	5.37	4.20	3.48	1.82
1.67V/cell	156.0	103.3	79.1	63.6	46.4	33.3	26.2	14.2	10.0	7.78	6.41	5.48	4.31	3.54	1.85
1.60V/cell	166.8	109.2	82.7	66.6	48.4	34.4	26.8	14.6	10.2	7.98	6.58	5.63	4.40	3.62	1.90