

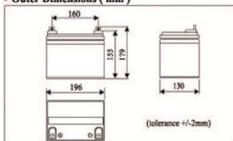
6GFM35 (12V35 AH)

• Specifications

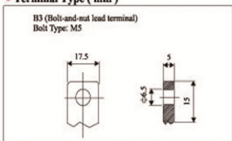
Nominal Voltage		12V
Nominal Capacity (10HR)		35AH
Dimension	Length	196±1mm (7.72inches)
	Width	130±1mm (5.12 inches)
	Container Height	155±2mm (6.10 inches)
	Total Height	179±2mm (7.05inches)
Weight		Approx 13 Kg (25.3 lbs)
Standard Terminal		B3 (Bolt-and-nut lead terminal) Bolt Type:M5



• Outer Dimensions (mm)



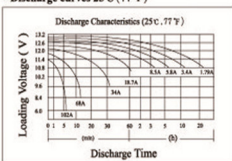
• Terminal Type (mm)



• Characteristics

Capacity	20 hour rate (1.79A)	35.7Ah
	10 hour rate (3.4A)	34.0Ah
	5 hour rate (5.8A)	29.0Ah
	3 hour rate (8.5A)	25.5Ah
	1 hour rate (20.4A)	20.4Ah
Capacity affected by temperature	40 °C (104 °F)	102%
	25 °C (77 °F)	100%
	0 °C (32 °F)	85%
Internal Resistance		Fully charged battery (25 °C, 77 °F) 8m Ω
Constant-Voltage Charge	Cycle	Initial Charging Current less than 8.5A Voltage 14.10-14.40V at 25 °C (77 °F) Temperature Coefficient -18mV/°C
	Stand by	No limit on Initial Charging Current Voltage 13.50-13.80V at 25 °C (77 °F) Temperature Coefficient -18mV/°C

• Discharge curves 25°C (77 °F)



Constant Current (Amp) and constant power (Watt) Discharge Table at 25°C (77 °F)

Time		5min	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
9.60V	A	122	89	63	38	19.8	12	8.5	6.6	5.4	3.8	3.50	1.87
	W	1297	946	666	403	229	134	98	76	63	44	40	21.7
10.20V	A	108	81	56	36.0	18.6	11.0	8.3	6.4	5.3	3.8	3.40	1.82
	W	1194	901	623	399	216	128	96	75	62	43	39	21.1
10.50V	A	104	77	53	35	18	10.8	8.1	6.3	5.3	3.7	3.30	1.80
	W	1175	876	599	397	209	125	93	73	61	43	39	20.9
10.80V	A	100	73	50	34	17	10.5	7.9	6.2	5.1	3.6	3.30	1.78
	W	1160	853	576	396	203	122	91	72	60	42	38	20.7
11.10V	A	96	69	46	33	17	10.2	7.6	6.0	5.0	3.5	3.14	1.69
	W	1139	825	550	393	200	122	90	71	60	42	37	20.1