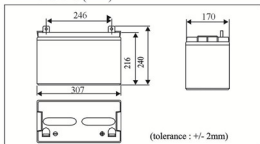


6GFM 90 (12V90AH)

• Specification

Nominal Voltage		12V
Nominal Capacity (10HR)		90AH
Dimensions	Length	307 ± 1mm
	Width	170 ± 1mm
	Container Height	216 ± 2mm
	Total Height	240 ± 2mm
Weight		27Kg
Standard Terminal		B3 (Bo1-and-nut lead terminal) Bolt Type:M8

• Dimensions (mm)

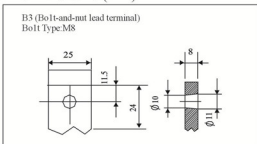


• Performance

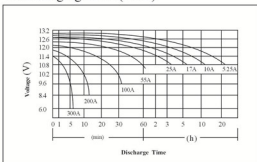
Capacity (25°C)	20 hour rate (5.25A)	94.0Ah
	10 hour rate (10.0A)	90.0Ah
	5 hour rate (17.0A)	72.0Ah
	3hour rate (25.0A)	67.0Ah
	1hour rate (55.0A)	54.0Ah
Capacity affected by Temperature	40°C (104°F)	102%
	25°C (77°F)	100%
	0°C (32°F)	85%
Internal Resistance Fully charged battery (25°C, 77°F) 5mΩ		
Constant-Voltage Charge	Cycle	Constant Voltage 14.10~14.40V, The initial current is smaller than 36A
	Standby	Constant Voltage 13.50~13.80V, The initial current is smaller than 13.5A



• Terminal Size (mm)



• Discharging curve (25°C)



Constant Current (Amp) and Constant Power (Watt) Discharge Table at (25°C)

Time		5min	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
9.60V	A	333	243	171	104	54	32	23.1	18	14.9	10.5	9.5	5.10
	W	3536	2581	1816	1099	625	365	268	208	172	121	109	59.1
10.20V	A	293	221	153	98.1	50.8	30.1	22.5	17.6	14.6	10.2	9.2	4.98
	W	3257	2458	1698	1089	588	348	261	203	169	119	107	57.6
10.50V	A	283	211	144	95	49	29.3	22	17.3	14.4	10.2	9.0	4.91
	W	3205	2388	1633	1082	569	340	254	200	167	118	105	56.9
10.80V	A	272	200	135	93	48	28.6	21.4	17.0	14.0	9.9	9.0	4.86
	W	3164	2326	1571	1079	553	333	249	196	163	115	105	56.6
11.10V	A	261	189	126	90	46	27.9	20.7	16.5	13.7	9.6	8.55	4.62
	W	3106	2249	1499	1071	546	332	246	195	163	115	102	54.9