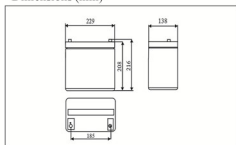


6GFM50 (12V50AH)

• Specification

Nominal Voltage		12V
Nominal Capacity (10HR)		50AH
Dimensions	Length	229 ± 1mm
	Width	138 ± 1mm
	Container Height	208 ± 2mm
	Total Height	216 ± 2mm
Weight		16 Kg
Standard Terminal		B3 (Bolt-and-nut lead terminal) Bolt Type M6

• Dimensions (mm)



• Performance

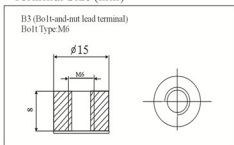
Capacity (25°C)	20 hour rate (2.63A)	52.5Ah
	10 hour rate (5.0A)	50.0Ah
	5 hour rate (8.5A)	42.5Ah
	3 hour rate (12.5A)	37.5Ah
	1 hour rate (27.5A)	27.5Ah
Capacity affected by Temperature	40°C (104°F)	102%
	25°C (77°F)	100%
	0°C (32°F)	85%
Internal Resistance		Fully charged battery (25°C, 77°F) 6mΩ
Constant-Voltage Charge	Cycle	Constant Voltage 14.10~14.40V, The initial current is smaller than 20A
	Standby	Constant Voltage 13.50~13.80V, The initial current is smaller than 8A

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	148	108	76	46	24	14	10.3	8.0	6.6	4.7	4.2	2.27
	W	1572	1147	807	489	278	162	119	93	76	54	49	26.3
10.20V	A	130	98	68	43.6	22.6	13.4	10.0	7.8	6.5	4.6	4.1	2.21
	W	1447	1092	155	484	261	155	116	90	75	53	47	25.6
10.50V	A	126	94	64	42	22	13.0	9.8	7.7	6.4	4.5	4.0	2.18
	W	1424	1061	126	481	253	151	113	89	74	52	47	25.3
10.80V	A	121	89	60	41	21	12.7	9.5	7.6	6.2	4.4	4.0	2.16
	W	1406	1034	698	480	246	148	111	87	73	51	47	25.1
11.10V	A	116	84	56	40	20	12.4	9.2	7.3	6.1	4.3	3.80	2.05
	W	1380	1000	666	476	243	148	109	87	72	51	45	24.4



• Terminal Size (mm)



• Discharging curve (25°C)

