

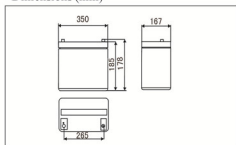
6GFM65 (12V65AH)

• Specification

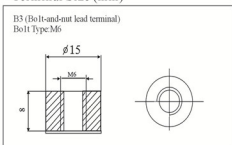
Nominal Voltage		12V
Nominal Capacity (10HR)		65AH
Dimensions	Length	350±1mm
	Width	167±1mm
	Container Height	178±2mm
	Total Height	185±2mm
Weight		20Kg
Standard Terminal		B3 (Bolt-and-nut lead terminal) Bolt Type M6



• Dimensions (mm)



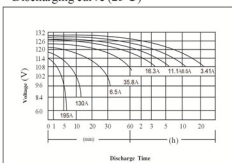
• Terminal Size (mm)



• Performance

Capacity (25°C)	20 hour rate (3.41A)	68.5Ah
	10 hour rate (6.5A)	85.0Ah
	5 hour rate (11.1A)	85.5Ah
	3hour rate (16.3A)	48.9Ah
	1hour rate (35.8A)	35.8Ah
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 22A
	Standby	Constant Voltage 13.50~13.80V, The initial current is smaller than 8.25A

• 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
1.60V	A	241	176	124	75	39	23	17	13	11	7.6	6.8	3.7
	W	2554	1864	1312	794	452	263	193	151	124	88.0	79.0	42.7
1.70V	A	212	160	111	71	37	22	16	13	11	7.4	6.7	3.6
	W	2352	1775	1227	786	425	251	188	147	122	86.0	77.0	41.6
1.75V	A	204	152	104	69	35	21	16	13	10	7.3	6.5	3.6
	W	2314	1725	1179	781	411	245	184	145	120	85.0	76.0	41.1
1.80V	A	196	144	98	67	34	21	16	12	10	7.2	6.5	3.5
	W	2285	1680	1135	779	399	241	180	142	118	83.0	76.0	40.9
1.85	A	189	137	91	65	33	20	15	12	10	7.0	6.2	3.3
	W	2243	1624	1083	774	394	240	178	141	118	83.0	73.0	39.7