

FM small sealed battery series

Battery capacity: 1.2AH~28AH

Battery characteristics: Standard series, designed float charging life up to 5 years

Application scope: Small capacity UPS/Emergency lighting/Security alarm

Model	Rated voltage (V)	Rated capacity (Ah)			Dimensions (mm)				Reference weight (kg)	Terminal type
		20HR	5HR	1HR	Length	Width	Height	Total Height		
		1.75V/C	1.75V/C	1.6V/C						
3-FM-1.2	6	1.2	1	0.72	97.5	24	52	58	0.31	F1
3-FM-3	6	3	2.55	1.8	135	35	60	66	0.71	F1
3-FM-4	6	4	3.4	2.4	70	47	100	106	0.81	F1
3-FM-7	6	7	5.6	4.2	151	34	95	101	1.15	F1/F2
6-FM-1.9	12	1.9	1.6	1.14	178.5	35	60.5	66.5	0.9	F1
6-FM-3	12	3	2.55	1.8	135	67.5	61	67	1.28	F1
6-FM-4	12	4	3.4	2.4	90	70	100	107	1.45	F1/F2
6-FM-4.5	12	4.5	3.6	2.7	90	70	100	107	1.5	F1/F2
6-FM-5	12	5	4	3	90	70	100	107	1.61	F1/F2
6-FM-6	12	6	4.8	3.6	151	65	94	100	1.8	F1/F2
6-FM-6.5	12	6.5	5.2	3.9	151	65	94	100	2	F1/F2
6-FM-7	12	7	5.6	4.2	151	65	94	100	2.05	F1/F2
6-FM-7.2	12	7.2	5.7	4.3	139.5	48	118	118	2.2	F1/F2
6-FM-7.5	12	7.5	6	4.5	151	65	94	100	2.2	F1/F2
6-FM-8	12	8	6.4	4.8	151	65	94	100	2.35	F1/F2
6-FM-8.5	12	8.5	6.8	5.1	151	65	94	100	2.5	F1/F2
6-FM-9	12	9	7.5	5.9	151	65	94	100	2.52	F1/F2
6-FM-12	12	12	9.6	7.2	151	98	94	100	3.8	F2
6-FM-14	12	14	11.2	8.4	151	98	94	100	4	F2
6-FM-15	12	15	12	9	181	77	167	167	4.9	B1/T4
6-FM-17	12	17	13.6	10.2	181	77	167	167	5.1	B1/T4
6-FM-18	12	18	14.4	10.8	181	77	167	167	5.2	B1/T4
6-FM-20	12	20	16	12	181.5	77	167	167	6	T4
6-FM-22	12	22	17.6	13.2	181.5	77	167	167	6.4	T4
6-FM-24	12	24	19.2	14.4	166	126	174	174	8	T1
6-FM-26	12	26	20.8	15.6	177	167	126	126	8.2	B1/T4
6-FM-28	12	28	22.4	16.8	166	126	174	174	9.1	T1

FM standby sealed battery series

Battery capacity: 33AH~250AH (The anti-slip and anti-acid battery tray is configured for standard)

Battery characteristics: Standard series, designed float charging life up to 12 years

Application scope: UPS/Communication/Power

Model	Rated voltage (V)	Rated capacity (Ah)				Dimensions (mm)				Reference weight (kg)	Terminal type
		10HR	8HR	5HR	1HR	Length	Width	Height	Total Height		
		1.8V/C	1.8V/C	1.8V/C	1.75V/C						
3-FM-180	6	180	165	139	108	323	178	226	231	27.7	T5
3-FM-200	6	200	174	160	120	323	178	226	231	28.8	T5
6-FM-33	12	33	30.4	25.4	19.8	196	131	155	169	10.1	T1
6-FM-38	12	38	33.6	30.4	22.8	198	166	170	170	12	T1
6-FM-40	12	40	35.6	32	24	198	166	170	170	12.7	T1
6-FM-45	12	45	40.3	36	27	198	166	170	170	13.7	T1
6-FM-50	12	50	44.8	40	30	229	138	211	216	16	T1
6-FM-55	12	55	49.3	44	33	229	138	211	216	18.5	T1
6-FM-65	12	65	56.5	52	39	350	167	174	174	19.7	T2
6-FM-70	12	70	62.7	56	42	260	169	211	216	21.4	T1
6-FM-75	12	75	67.2	60	45	260	169	211	216	22.3	T1
6-FM-80	12	80	71.7	64	48	260	169	211	216	23.6	T1
6-FM-90	12	90	80	72	54	307	169	211	216	26.8	T2
6-FM-100	12	100	90	80	60	407	174	208	236	33	T3
6-FM-120	12	120	107	96	72	407	174	208	236	34.5	T3
6-FM-150	12	150	134	120	90	532	207	214	219	47.5	T3
6-FM-160	12	160	144	128	96	341	173	281	288	43.8	T5
6-FM-200	12	200	180	160	120	523	240	225	230	58.5	T3
6-FM-250	12	250	225	200	150	520	269	223	228	69.2	T5

FML long life middle sealed battery series

Battery capacity: 65AH~200AH (The anti-slip and anti-acid battery tray is configured for standard)

Battery characteristics: Standard series, designed float charging life up to 12 years

Application scope: UPS/Communication/Power

Model	Rated voltage (V)	Rated capacity (Ah)					Dimensions (mm)				Reference weight (kg)	Terminal type
		20HR	10HR	8HR	5HR	1HR	Length	Width	Height	Total Height		
		1.80V/C	1.80V/C	1.80V/C	1.80V/C	1.75V/C						
6-FML-65	12	65	60	54.7	48	34.6	350	167	174	174	20.7	T2
6-FML-100	12	100	80	71.7	64	46	407	174	208	236	29.4	T3
6-FML-120	12	120	100	89.6	80	59.8	407	174	208	236	33.5	T3
6-FML-150	12	150	140	117	108	78	532	207	214	219	48.5	T3
6-FML-200	12	200	180	150	144	104	523	240	225	230	59.5	T3

FMH sealed battery series

Battery capacity: 50AH~200AH

Battery characteristics: Rack-mounted series, designed float charging life up to 12 years

Application scope: UPS/ communication/power

Model	Rated voltage (V)	Rated capacity (Ah)				Dimensions (mm)				Reference weight (kg)	Terminal type
		10HR	8HR	5HR	1HR	Length	Width	Height	Total Height		
		1.8V/C	1.8V/C	1.8V/C	1.75V/C						
6-FMH-50	12	50	44.8	40	30	277	106	222	222	16	T1
6-FMH-100	12	100	89.6	80	60	395	110	286	286	31.7	T5
6-FMH-150	12	150	134	120	90	551	110	288	288	44.8	T5
6-FMH-200	12	200	174	160	120	560	125	320	320	59.5	T5

GFM sealed battery series

Battery capacity: 200AH~3000AH (The anti-slip and anti-acid battery tray is configured for standard)

Battery characteristics: High-capacity battery cell series, designed float charging life up to 20 years

Application scope: Communication/Power

Model	Rated voltage (V)	Rated capacity (Ah)				Dimensions (mm)				Reference weight (kg)	Terminal type
		10HR	8HR	5HR	1HR	Length	Width	Height	Total Height		
		1.8V/C	1.8V/C	1.8V/C	1.75V/C						
GFM200	2	200	185	170	110	172	111	329	365	13	T3
GFM300	2	300	277	255	165	171	151	330	366	18	T3
GFM400	2	400	370	340	220	210	171	329	363	24.5	T3
GFM500	2	500	463	425	275	241	172	331	366	28	T3
GFM600	2	600	555	510	330	301	175	331	366	35	T3
GFM800	2	800	740	680	440	410	175	330	365	49.5	T3
GFM1000	2	1000	925	850	550	475	175	328	365	57	T3
GFM1200	2	1200	1110	1020	660	401	351	344	382	80	T3
GFM1500	2	1500	1388	1275	825	401	351	344	382	90.5	T3
GFM2000	2	2000	1850	1700	1100	491	351	343	383	120	T3
GFM2500	2	2500	2313	2125	1375	712	353	341	382	157	T3
GFM3000	2	3000	2775	2550	1650	712	353	341	382	174	T3

GFML long life sealed battery series

Battery capacity: 300AH~1000AH (The anti-slip and anti-acid battery tray is configured for standard)

Battery characteristics: High-capacity battery cell series, designed float charging life up to 20 years

Application scope: UPS/ communication/power

Model	Rated voltage (V)	Rated capacity (Ah)					Dimensions (mm)				Reference weight (kg)	Terminal type
		20HR	10HR	8HR	5HR	1HR	Length	Width	Height	Total Height		
		1.80V/C	1.80V/C	1.80V/C	1.80V/C	1.75V/C						
GFML-300	2	300	270	249	229	149	171	151	330	366	19.0	T3
GFML-400	2	400	360	332	306	195	210	171	329	363	24.5	T3
GFML-500	2	500	450	415	382	248	241	172	331	366	30.6	T3
GFML-600	2	600	540	498	459	297	301	175	331	366	36.7	T3
GFML-800	2	800	720	664	612	396	410	175	330	365	51.0	T3
GFML-1000	2	1000	900	830	765	495	475	175	328	365	61.3	T3

Solar deep cycle battery series

Battery capacity: 38AH~3000AH (The anti-slip and anti-acid battery tray is configured for standard)

Battery characteristics: Solar series, 12V series, designed float charging life up to 12 years, 2V series , designed float charging life up to 20 years

Application scope: Solar energy storage equipment

Model	Rated voltage (V)	Rated capacity (Ah)				Dimensions (mm)				Reference weight (kg)	Terminal type
		10HR	8HR	5HR	1HR	Length	Width	Height	Total Height		
		1.8V/C	1.8V/C	1.8V/C	1.75V/C						
6-FM-38T	12	38	33.6	30.4	22.8	198	166	170	170	12	T1
6-FM-65T	12	65	56.5	52	39	350	167	174	174	20	T2
6-FM-100T	12	100	90	80	60	407	174	208	236	33	T3
6-FM-120T	12	120	107.2	96	72	407	174	208	236	34.5	T3
6-FM-150T	12	150	134	120	90	532	207	214	219	47.8	T3
6-FM-200T	12	200	180	160	120	523	240	225	230	58.5	T3
GFM-200T	2	200	185	170	110	172	111	329	365	13.1	T3
GFM-300T	2	300	277	255	165	171	151	330	366	18	T3
GFM-400T	2	400	370	340	220	210	171	329	363	25	T3
GFM-500T	2	500	463	425	275	241	172	331	366	29	T3
GFM-600T	2	600	555	510	330	301	175	331	366	35	T3
GFM-800T	2	800	740	680	440	410	175	330	365	49.5	T3
GFM-1000T	2	1000	925	850	550	475	175	328	365	58	T3
GFM-1500T	2	1500	1388	1275	825	401	351	344	382	92.6	T3
GFM-2000T	2	2000	1850	1700	1100	491	351	343	383	122.5	T3
GFM-3000T	2	3000	2775	2550	1650	712	353	341	382	174	T3

AGEL sealed gel battery series

Battery capacity: 38AH~3000AH (The anti-slip and anti-acid battery tray is configured for standard)

Battery characteristics: Gel battery series, the 12V series is designed float charging life up to 12 years, the 2V series is designed float charging life up to 20 years

Application scope: UPS/Communication/Energy storage

Model	Rated voltage (V)	Rated capacity (Ah)				Dimensions (mm)				Reference weight (kg)	Terminal type
		10HR	8HR	5HR	1HR	Length	Width	Height	Total Height		
		1.8V/C	1.8V/C	1.8V/C	1.75V/C						
6-FM-38J	12	38	33.6	30.4	22.8	198	166	170	170	12.2	T1
6-FM-65J	12	65	56.5	52	39	350	167	174	174	20.3	T2
6-FM-100J	12	100	90	80	60	407	174	208	236	33	T3
6-FM-120J	12	120	107.2	96	72	407	174	208	236	34.7	T3
6-FM-150J	12	150	134	120	90	532	207	214	219	48.6	T3
6-FM-200J	12	200	180	160	120	523	240	225	230	58.5	T3
GFM200J	2	200	185	170	110	172	111	329	365	13.3	T3
GFM300J	2	300	277	255	165	171	151	330	366	18.3	T3
GFM400J	2	400	370	340	220	210	171	329	363	25.4	T3
GFM500J	2	500	463	425	275	241	172	331	366	29.5	T3
GFM600J	2	600	555	510	330	301	175	331	366	35.6	T3
GFM800J	2	800	740	680	440	410	175	330	365	50.3	T3
GFM1000J	2	1000	925	850	550	475	175	328	365	59	T3
GFM1500J	2	1500	1388	1275	825	401	351	344	382	94	T3
GFM2000J	2	2000	1850	1700	1100	491	351	343	383	124.5	T3
GFM3000J	2	3000	2775	2550	1650	712	353	341	382	177	T3

GFMHR high rate sealed battery series

Battery capacity: 250W~780W (The anti-slip and anti-acid battery tray is configured for standard)

Battery characteristics: High rate discharge series, designed float charging life of 12 years

Application scope: Data center/UPS

Features

- ◆ The unique gas recombination technology eliminates the need to regularly add water or sulfuric acid and requires no maintenance during its entire life.
- ◆ The acid filter device and the safety valve that can be opened automatically prevent external gas from being sucked into the battery and damaging the battery performance. Gas generated under abnormal use such as overcharging can cause abnormal internal pressure and damage the battery.
- ◆ A special separator (AGM) is used to firmly absorb the electrolyte to prevent it from flowing. The battery can be used normally whether it is placed vertically or horizontally, and the installation is very convenient.
- ◆ The use of high-quality Pb-Ca multi-component alloy increases the hydrogen evolution overpotential and reduces the self-discharge rate of the battery. At an ambient temperature of 25°C, it can be used without recharging within 6 months.
- ◆ It can be used normally in an environment of -20~+60°C and has a good lifespan.

Model	Rated voltage (V)	Rated capacity (Ah)				Dimensions (mm)				Reference weight (kg)	Terminal type
		15min	10HR	5HR	1HR	Length	Width	Height	Total Height		
		1.67V/C	1.80V/C	1.80V/C	1.75V/C						
6-GFMHR-250	12	250	65	61	40.6	260	169	211	216	22.3	T1
6-GFMHR-350	12	350	100	85	57	407	174	208	236	32	T3
6-GFMHR-400	12	400	110	94	65	407	174	208	236	34	T3
6-GFMHR-510	12	510	150	120	90	483	170	241	243	44	T3
6-GFMHR-630	12	630	180	154	97.6	523	240	225	230	54	T3
6-GFMHR-750	12	750	200	178	118	523	240	225	230	60	T3
6-GFMHR-780	12	780	200	182	121	523	240	225	230	62	T3