



12FM4 (24V4Ah)

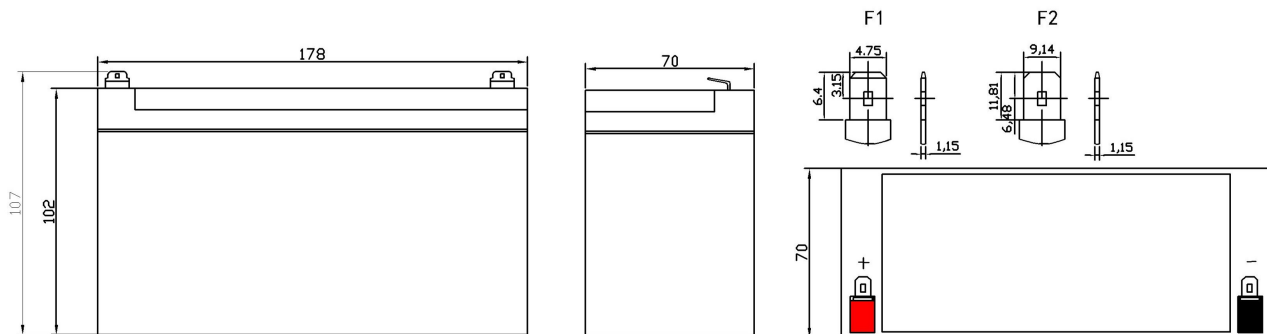
KAIYING® Standard battery is design for a general purpose by KaiYing Power.
12FM4 is a general purpose battery up to 5 years in star service.As with all **KAIYING®** batteries, all are rechargeable highly efficient, leak proof and maintenance free.



Specifications:

Cells per Unit	12
Normal Voltage	24V
Capacity	4Ah@20hr-rate to 1.75V per cell@25℃
Weight	Approx.(2.56±3%)kg
Maximum Discharge Current	40A(5sec)
Internal Resistance	Approx. 101mΩ full charged @25℃
Operating Temperature Range	Discharge: -15℃~50℃ Charge: -15℃~40℃ Storage: -15℃~40℃
Nominal Operating Temperature Range	25℃±3℃
Float Charging Voltage	27.2~27.6VDC/unit Average @25℃
Maximum Charging Current	1.2A
Equalization and Cycle Service	28.8V~30.0VDC/unit Average @ 25℃
Self Discharge	KAIYING Valve Regulated Lead Acid (VRLA) batteries can be stored for more than 6 months at 25℃. Self-discharge ratio less than 3% per month at 25℃. Please charge batteries before using.
Terminal	F1(0.187)/F2(0.250)
Container Material	ABS(UL94-HB) *Flammability resistance of (UL94-V0) can be available upon request

Dimensions: L178*W70*H102(TH107)



Constant Current Discharge Characteristics (A, 25℃)

F.V/TIME	5min	10min	15min	30min	60min	2h	3h	5h	8h	10h	20h
19.2	15.2	9.60	7.60	4.40	2.60	1.42	1.02	0.69	0.44	0.37	0.20
19.8	14.7	9.31	7.41	4.29	2.54	1.41	1.01	0.69	0.44	0.37	0.20
20.4	14.4	9.12	7.30	4.22	2.50	1.40	1.00	0.68	0.44	0.37	0.20
21.0	14.0	8.83	7.07	4.09	2.42	1.39	0.99	0.67	0.44	0.37	0.20
21.6	13.6	8.57	6.93	4.01	2.37	1.37	0.98	0.67	0.44	0.37	0.20

Constant Power Discharge Characteristics (Watt, 25℃)

F.V/TIME	5min	10min	15min	30min	60min	2h	3h	5h	8h	10h	20h
19.2	340	216	173.2	100.8	60.2	33.2	24.2	16.48	10.62	8.98	4.88
19.8	330	210	169.0	98.4	58.8	33.0	24.0	16.40	10.62	8.98	4.88
20.4	322	206	166.4	96.8	57.8	32.8	23.8	16.24	10.56	8.88	4.82
21.0	312	200	161.2	93.8	56.0	32.4	23.6	16.08	10.52	8.86	4.82
21.6	302	193	158.0	92.0	55.0	32.2	23.2	15.92	10.46	8.84	4.80