



The Sealed Battery Specialists

AGM SPECIFICATIONS



Model	Nominal Capacity (AH)				Weight		Terminal		Dimensions								Ambient Temperature			Maximum Charge Current (A)	
	Nominal Voltage (V)	20hr rate F.V. (1.75V/cell)	10hr rate F.V. (1.75V/cell)	5hr rate F.V. (1.75V/cell)	g.	lbs.	Standard Type	Position	Inch				mm				Charge	Discharge	Storage		
									L	W	H	TH	L	W	H	TH					
ES4.5-4	4	4.5	4.5	3.825	652	1.43	F2	6	1.91	2.07	3.69	3.94	48.5	52.5	93.7	100	22.5				1.35
ES9-4	4	9	9	7.65	1187	2.61	F2	3	3.98	1.73	3.75	4.02	101	44	95	102	45				2.7
ES1.2-6	6	1.2	1.2	1.02	308	0.68	F1	2	3.82	0.98	2.03	2.24	97	25	51.5	57	6				0.36
ES3-6	6	3	3	2.55	692	1.52	F1	2	5.28	1.34	2.36	2.60	134	34	60	66	15				0.9
ES4-6	6	4.5	4.5	3.825	908	2.00	F1	1	2.76	1.85	3.98	4.21	70	47	101	107	22.5				1.35
ES7-6	6	7	7	5.95	1312	2.89	F1	2	5.94	1.34	3.70	3.94	151	34	94	100	35				2.1
ES8.2-6 S	6	9	9	7.65	1576	3.47	F1	8	3.82	2.20	4.65	4.65	97	56	118	118	45				2.7
ES12-6	6	12	12	10.2	2254	4.97	F1	2	5.94	1.97	3.70	3.90	151	50	94	99	60				3.6
ES12-6 S	6	13	13	11.05	2179	4.79	F1-, F2+	4	4.25	2.76	5.51	5.51	108	70	140	140	65				3.9
ES12-6 RND	6	13	13	11.05	2208	4.86	WIRE(wi50-63)	7	4.25	2.76	5.51	5.51	108	70	140	140	25				3.9
ES12-6 SQR	6	13	13	11.05	2208	4.86	WIRE(wi50-54)	7	4.25	2.76	5.51	5.51	108	70	140	140	25	0°C (32°F)	-20° (-4°F)	-20° (-4°F)	3.9
ES1.2-12	12	1.2	1.2	1.02	596	1.31	F1	4	3.82	1.69	2.09	2.32	97	43	53	59	6	40°C (104°F)	50°C (122°F)	40°C (104°F)	0.36
ES1.9-12	12	2.3	2.3	1.955	1060	2.34	F1	2	7.01	1.34	2.36	2.60	178	34	60	66	11.5				0.69
ES3-12	12	3	3	2.55	1400	3.08	F1	4	5.28	2.64	2.34	2.58	134	67	59.5	65.5	15				0.90
ES4-12	12	4.5	4.5	3.825	1823	4.02	F1	3	3.54	2.76	3.98	4.21	90	70	101	107	22.5				1.35
ES5-12	12	5	5	4.25	1830	4.02	F1	3	3.54	2.76	4.05	4.29	90	70	102	109	25				1.5
ES7-12	12	7.2	7.2	6.12	2678	5.91	F1, F2	5	5.94	2.56	3.70	4.02	151	65	94	102	36				2.16
ES12-12	12	12	12	10.2	4270	9.39	F2	5	5.94	3.90	3.74	3.94	151	99	95	100	60				3.6
ES17-12	12	18	18	15.3	6283	13.82	F3	10	7.13	2.99	6.57	6.57	181	76	167	167	90				5.4
ES26-12	12	26	26	22.1	9528	20.96	F3	10	6.54	6.89	4.92	4.92	166	175	125	125	130				7.8
ES28-12	12	28	28	23.8	9794	21.55	F3	10	6.54	6.89	4.92	4.92	166	175	125	125	140				8.4
ES30-12	12	30	30	25.5	9675	21.29	F5	11	6.54	4.94	6.93	6.93	166	125	176	176	150				9.0
ES33-12	12	34	34	28.9	11107	24.44	F4	9	7.76	5.16	6.14	7.09	197	131	156	180	170				10.2
ES40-12	12	45	45	38.25	14109	31.04	F4	10	7.79	6.54	6.73	6.73	198	166	171	171	225				13.5

BENEFITS

- Maintenance-Free
- Valve Regulated
- Rugged, Compact Design
- Multiple Applications
- Float or Cycle Use
- Low Self-Discharge
- Lead Calcium Construction
- Absorbed Glass Mat
- Tank Formed Plates

IMPORTANT CHARGING INSTRUCTIONS:
WARRANTY VOID IF OPENED OR IMPROPERLY CHARGED. Constant under or overcharging will damage any battery and shorten its life! Use a good constant potential, voltage-regulated charger. Do not charge in a sealed container.

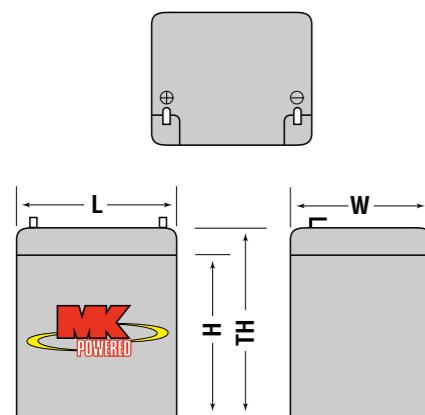
Charging Voltage for 12V Batteries at 68°F
Cycle Use: 14.4-15.0V
Standby Use: 13.5-13.8V

Charging Voltage for 4V Batteries at 68°F
Cycle Use: 4.8-5.0V
Standby Use: 4.5-4.6V

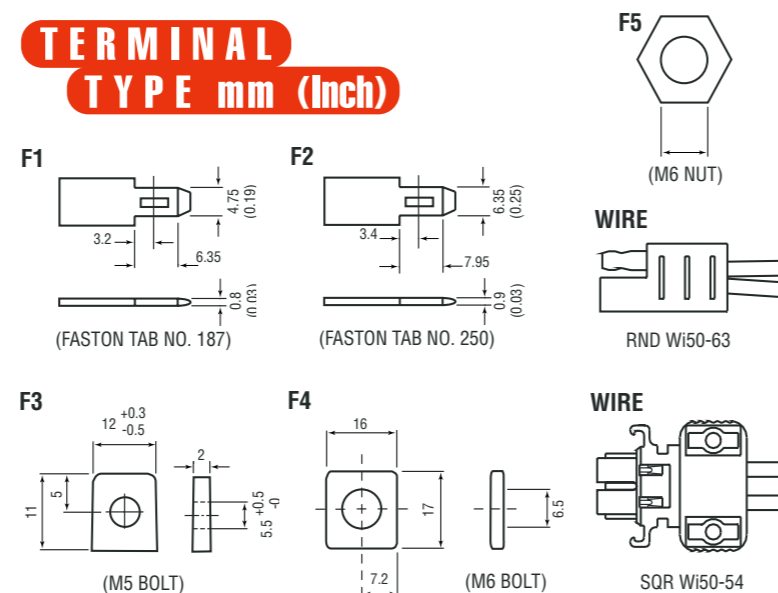
Charging Voltage for 6V Batteries at 68°F
Cycle Use: 7.2-7.5V
Standby Use: 6.75-6.9V

NON-SPILLABLE by DOT (Department of Transportation), ICAO (International Commercial Airline Organization), and IATA (International Airline Transport Association) definitions.

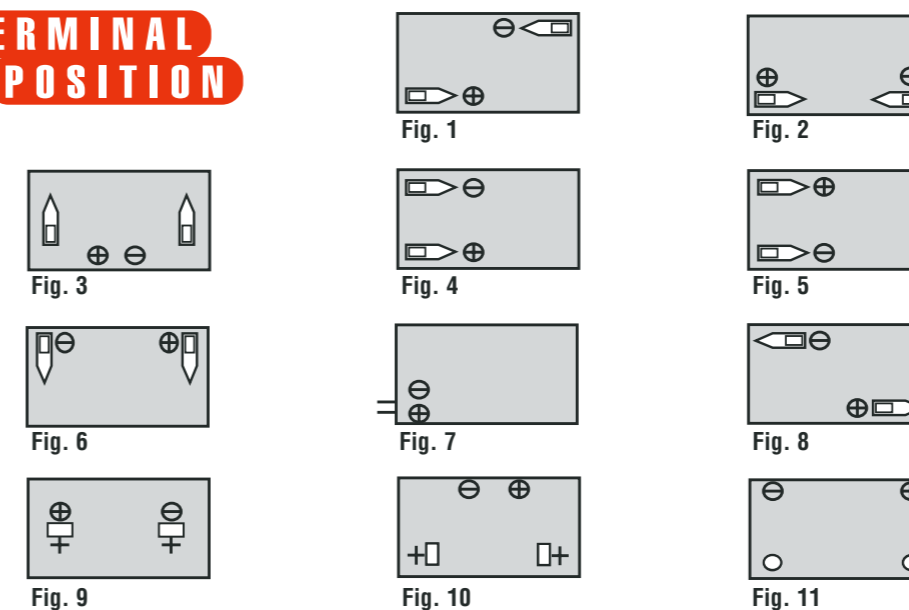
EXTERIOR DIMENSIONS



TERMINAL TYPE mm (Inch)

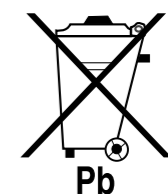


TERMINAL POSITION

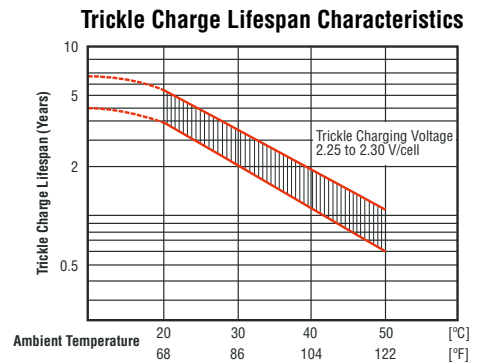
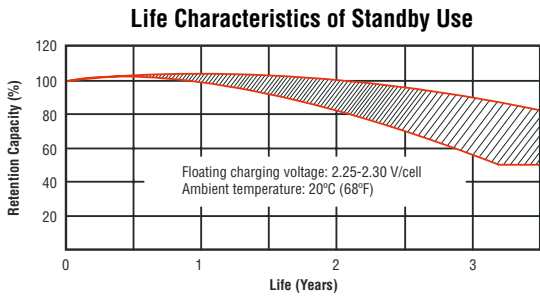
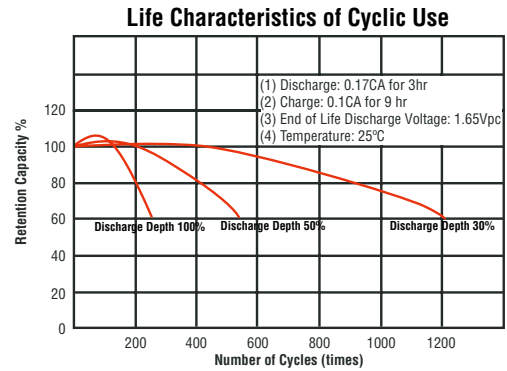
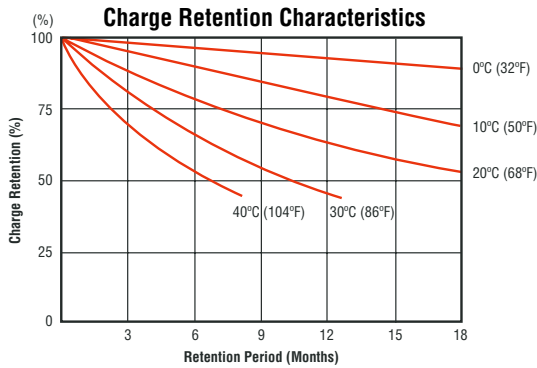
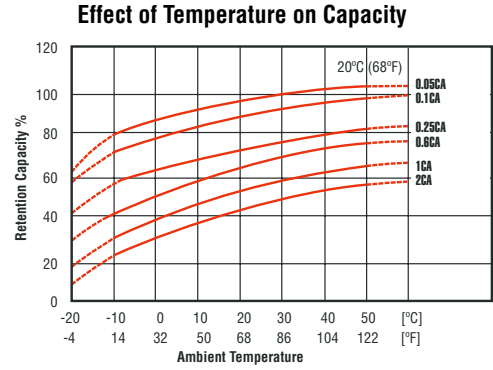
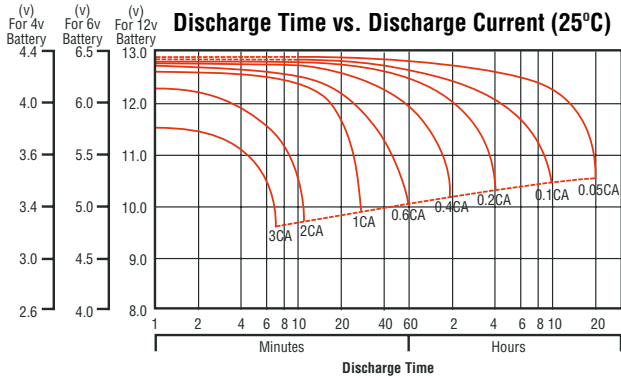


ISO 9001

ISO 14001



CHARACTERISTICS OF MK AGM BATTERIES



YOUR PARTNER IN POWER

MK Battery is one of the largest sealed lead acid battery distributors worldwide due to our total commitment to the following core principles:

MK Battery manufactures and distributes only the highest quality batteries (gel, AGM and flooded deep cycle) that are specifically designed for our customers' many, varied applications including broadband communications, UPS (uninterruptible power supplies), power wheelchairs, telephony (valve-regulated stationary), solar, marine and electronics.

MK Battery ships fresh inventory fast, often within 24 hours, from a stock of more than 100,000 batteries in multiple key warehouses throughout North America and assures our customers proper spent battery disposal through EPA permitted smelters. (Please note that violation of hazardous waste disposal laws place heavy penalties on offenders).

MK Battery is genuinely concerned for our customers' well-being as a long-term partner... not just a supplier. MK Battery listens to our customers and delivers what you want, when you need it.

Products
Service
Customer Care



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