MOTIVE POWER

AGM CYCLE TYPE

Q-BATTERIES UALITY

12LCP-15 (M5)

12 V 15 Ah



Q-Batteries Akku 12LCP-15 battery is a special deep cycle battery which is designed for intensive cyclic discharge usage. Because of the very thick lead plates it's possible to achieve more cycles and longer lifetime.

Application:

Electric wheelchair, caravan/marine,
cleaning machines, golf cart,
vehicle lifts, solar energy system, u.v.m.

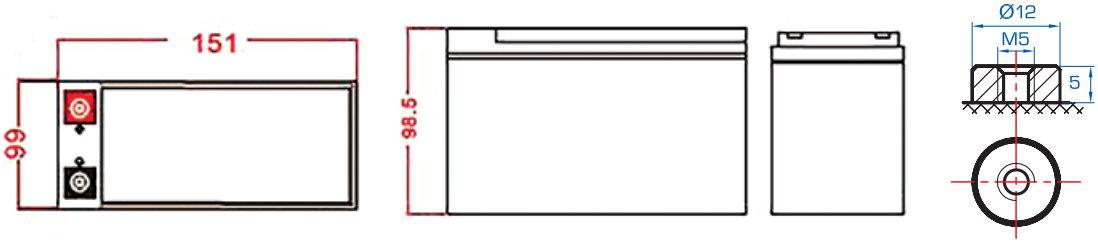


Specification:

Voltage Per Unit	12 V		
Capacity	15 Ah		
Cells Per Unit	6		
Weight	ca. 4.35 kg +/- 3%		
Internal Resistance	ca. 12 m Ω		
Operating Temperature Range Normal	Discharge: - 15°C – 50°C	Charge: -10°C – 50°C	Storage: - 20°C – 50°C
Operating Temperature Range	25°C ± 5°C		
Self Discharge	Valve Regulated Lead Acid (VRLA) batteries can be stored for more than 6 months at 25°C. Self-discharge ratio less than 3% per month at 25°C. Please charge batteries before using.		
Terminal	F13 (M5)		
Container Material	A.B.S. (UL94-HB)		

Dimensions:

151 Length x 99 Width x 98.5 mm Height



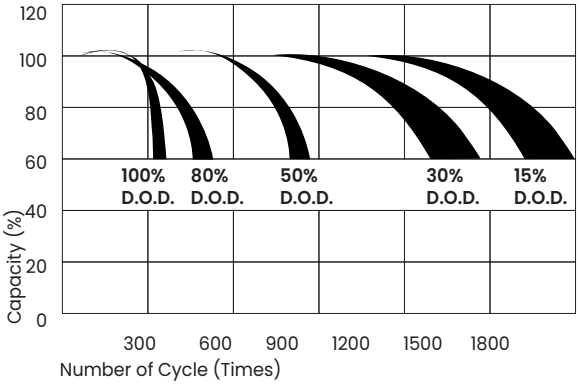
Q-BATTERIES QUALITY

12LCP-15 (M5)

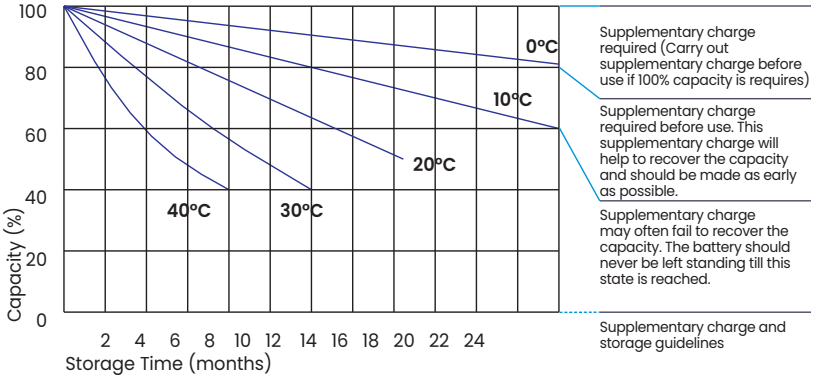
Constant current discharge characteristics: A (25°C)

F.V/Time	5 Min.	15 Min.	30 Min.	1 HR	2 HR	3 HR	5 HR	8 HR	10 HR	20 HR
1.60V	62.5	33.6	20.4	11.9	6.84	5.07	3.33	2.14	1.76	0.922
1.65V	60.6	32.5	20.1	11.9	6.81	5.02	3.30	2.12	1.74	0.917
1.70V	58.1	31.8	19.7	11.8	6.76	4.95	3.27	2.10	1.72	0.912
1.75V	53.5	30.8	19.5	11.6	6.65	4.89	3.23	2.09	1.70	0.908
1.80V	47.9	28.7	18.7	11.3	6.53	4.86	3.14	2.07	1.69	0.903
1.85V	42.7	25.6	17.1	10.5	6.20	4.58	2.99	1.98	1.64	0.888

Life characteristics of cyclic use:



Storage characteristic:



Capacity Factors with different Temperature:

Batterie Type		-20°C	-10°C	0°C	5°C	10°C	20°C	25°C	30°C	40°C	45°C
GEL Battery	6V & 12V	50%	70%	83%	85%	90%	98%	100%	102%	104%	105%
	2V	60%	75%	85%	88%	92%	99%	100%	103%	105%	106%
AGM Battery	6V & 12V	46%	66%	76%	83%	90%	98%	100%	103%	107%	109%
	2V	55%	70%	80%	85%	92%	99%	100%	104%	108%	110%

Charging Method:

Recharge after use, at least every 6th month:

Cyclic charging voltage
14,7 to 14,9 V (25°C)

Float charging voltage (25°C)
13,7 to 13,9 V (25°C)

Maximum charging current
2.66A

Do not short circuit the battery.

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