M65-12GT

GEL TYPE NON-SPILLABLE BATTERY

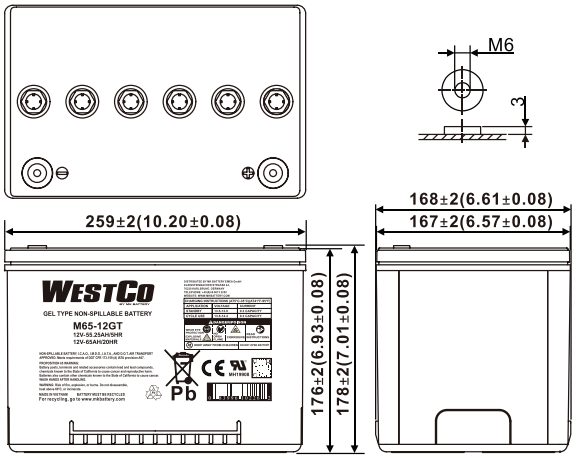


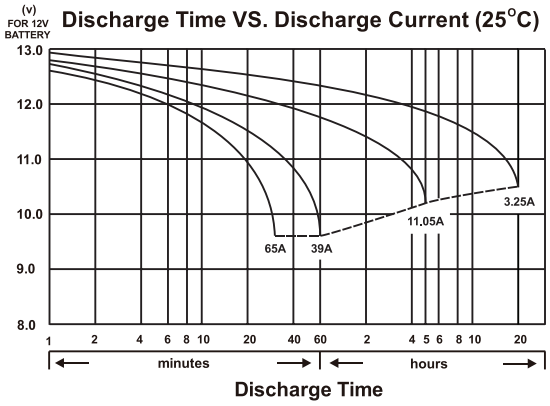
SPECIFICATIONS

Nominal Voltage (V)	12V
Nominal Capacity	
20 hour rate (3.25A to 10.50V)	65Ah
5 hour rate (11.05A to 10.20V)	55.25Ah
1 hour rate (39A to 9.60V)	39Ah
1C (65A to 9.60V)	34.67Ah
Weight	Approx. 21.0kg (46.2Lbs.)
Internal Resistance (at 1KHz)	Approx. 4 mΩ
Maximum Discharge Current for 5 seconds :	780A
Operating Temperature Range	
Charge	-15ºC (5ºF) to 40ºC (104ºF)
Discharge	-15ºC (5ºF) to 50ºC (122ºF)
Storage	-15ºC (5ºF) to 40ºC (104ºF)
Charge Retention (shelf life) at 20ºC (68ºF)	
1 month	98%
3 months	94%
6 months	85%
Charging Methods at 25ºC (77ºF)	
Cycle Use :	Charging Voltage 13.8 to 14.4V Coefficient -5.0mv / ºC / cell Maximum Charging Current : 19.5A
Standby Use :	Float Charging Voltage 13.5 to 13.8V Coefficient -3.0mv / ºC / cell
Case Material :	ABS UL94 HB
Terminal :	F8
Terminal Hardware Torque Value :	
Recommended	M6: 7 N-m (71 kgf-cm)
Maximum Allowable	M6: 10 N-m (102 kgf-cm)

DIMENSIONS

mm (inch)





MK Battery EMEA GmbH

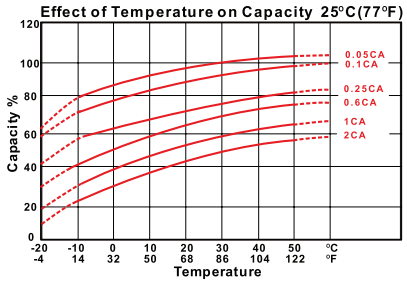
Kleinsteinbacher Strasse 44, 76228, Karlsruhe-Stupferich Germany

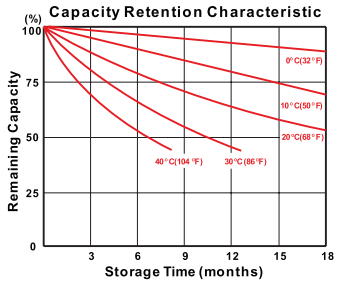
Phone: +49 (0) 69 9073 2250 • **E-mail**: salescentraleurope@mkbattery.com

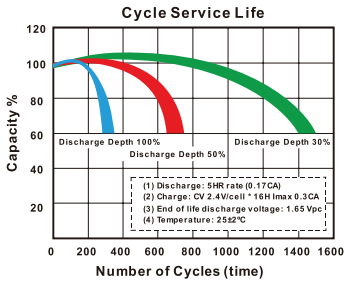
All data subject to change without notice. No part of this document may be copied or reproduced, electronically or mechanically, without written permission from the company. ©2025 MK Battery

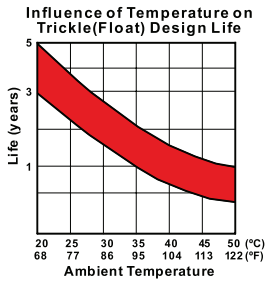
WESTCO BY MK BATTERY

M65-12GT









Discharge Rates in Watts to Various End Voltages at 25°C (77°F)

Time	End Voltage	1.85V	1.80V	1.75V	1.70V	1.67V	1.65V	1.60V
15	min	195	206	215	220	222	224	225
30	min	110	121	128	134	135	136	137
45	min	83.3	88.1	92.2	94.6	95.4	95.8	96.0
60	min	68.5	71.2	73.5	74.3	74.7	74.9	75.1
90	min	47.8	50.3	52.3	53.1	53.5	53.8	54.0
120	min	38.5	40.5	42.0	42.8	43.1	43.3	43.5
180	min	29.4	30.2	30.9	31.3	31.5	31.7	31.9
240	min	24.0	24.5	25.0	25.3	25.5	25.7	25.8
300	min	20.0	20.5	21.0	21.2	21.3	21.4	21.5
480	min	13.8	14.2	14.5	14.7	14.9	15.0	15.1
600	min	11.5	11.8	12.0	12.2	12.3	12.4	12.4
1200	min	5.79	5.93	6.05	6.15	6.19	6.21	6.23

- Discharge Rates in Amperes to Various End Voltages at 25°C (77°F)

Time	End Voltage	1.85V	1.80V	1.75V	1.70V	1.67V	1.65V	1.60V
15	min	100	110	117	119	120	121	122
30	min	57.5	64.1	68.5	70.7	71.5	72.0	72.5
45	min	42.8	45.6	48.1	49.8	50.4	50.7	50.9
60	min	37.0	38.3	39.5	40.5	41.0	41.3	41.5
90	min	25.2	26.3	27.1	27.6	27.9	28.1	28.3
120	min	20.5	21.3	22.0	22.4	22.6	22.7	22.8
180	min	15.5	15.9	16.2	16.5	16.6	16.7	16.8
240	min	12.0	12.5	13.0	13.2	13.3	13.4	13.5
300	min	10.0	10.6	11.1	11.2	11.3	11.4	11.5
480	min	7.20	7.35	7.48	7.49	7.50	7.51	7.51
600	min	6.10	6.14	6.18	6.20	6.21	6.22	6.22
1200	min	3.15	3.20	3.25	3.26	3.27	3.27	3.28

All data on the spec. sheet is an average value:
The tolerance range : X<6min(+15%~-15%), 6min≦X<10min(+12%~-12%),10min ≦X < 60min(+8% ~-8%), X≧60min(+5%~-5%)

MK Battery EMEA GmbH
Kleinsteinbacher Strasse 44, 76228, Karlsruhe-Stupferich Germany
Phone: +49 (0) 69 9073 2250 • **E-mail**: salescentraleurope@mkbattery.com

MK Battery®

All data subject to change without notice. No part of this document may be copied or reproduced, electronically or mechanically, without written permission from the company. ©2025 MK Battery