FIAMM
Industrial Batteries

FG series

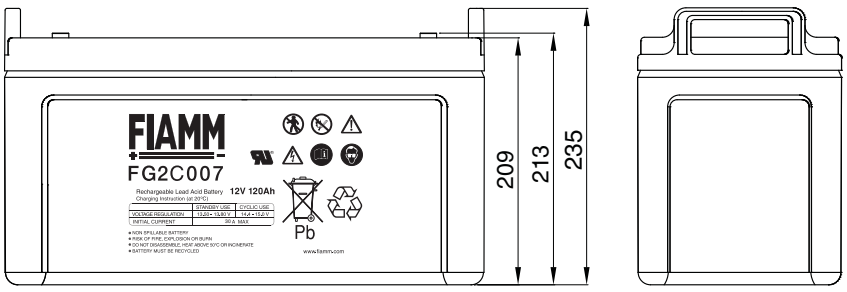
FG2C007

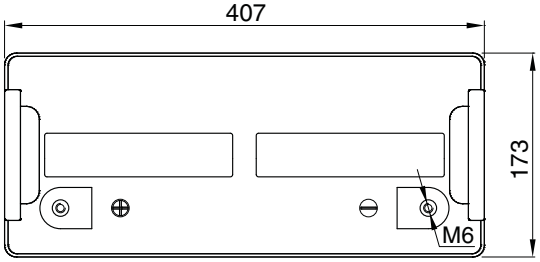
12 Volt
120 Ah

На WEB-страницу товара

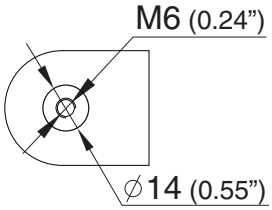
FG2C007 is a general purpose application battery. Within the FG range FIAMM offer 6V and 12V monoblocs at various amp hour capacities enable the right battery selection for each requirement. FIAMM is a Manufacturer of VRLA batteries and is supported by a dedicated sales network with market knowledge and experience of small sealed lead acid battery applications.

Features	
Nominal Voltage	12 Volt
Nominal Capacity	120 Ah 20 hours rate to 1.75 Vpc at 25 °C
Float charging voltage	13.50 - 13.80 V/bloc at 25 °C
Boost charge voltage	14.40 - 15.00 V/bloc at 25 °C
Float voltage compensation	-18mV/°C
Maximum charging current	30 A
Case	ABS with HB fiammability rate (according UL 94)
Internal resistance	2.6 mΩ in full charged condition
Weight	38.0 kg
Dimensions	L x W x H (TH): 407 x 173 x 235 (214)
Operative temperature range	-20 °C to 50 °C
Shelf life procedures	As batteries lose part of their capacity, during storage, due to self discharge. Fiamm recommends FG range of batteries can be stored for 6 months at an ambient temperature of 20 and 25 °C (see attached graph on reverse). Longer storage requires a recharge. This should be carried out in line with Fiamm recommended method; 2.4 V/cell for no longer than 24 hours at 20 °C





Threaded inserted M6



SSLA Products

FG series

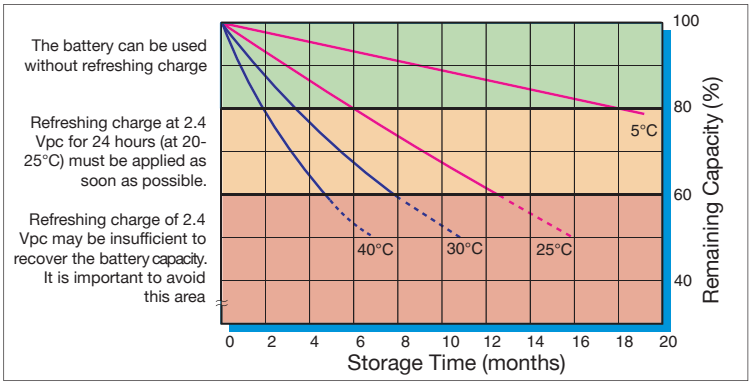
На WEB-страницу товара

FG2C007
12 Volt
120 Ah

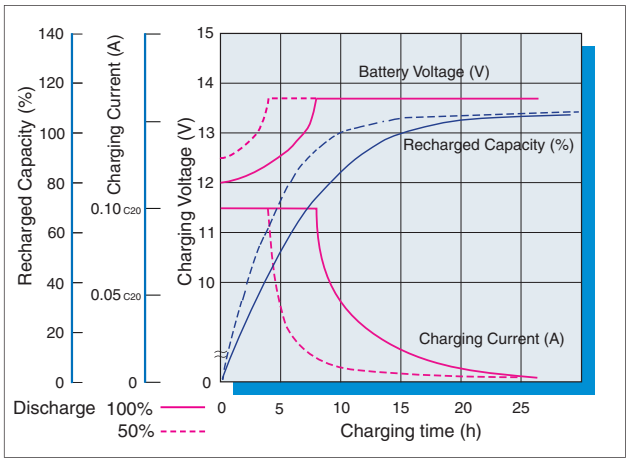
АИ30

MH27960

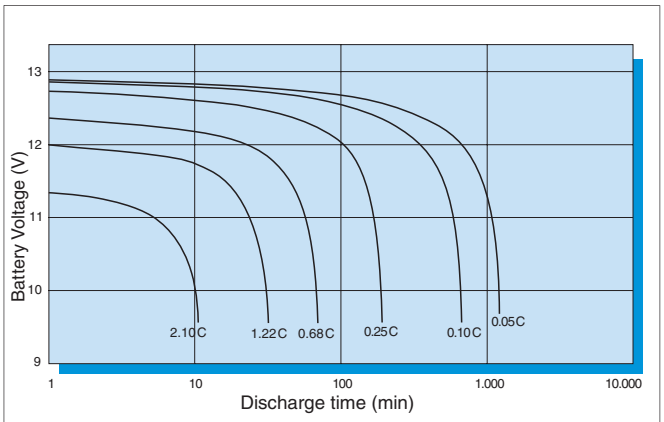
Capacity loss during storage at various temperatures



Battery Voltage and Charge Time for Standby Use (at 25°C)



Discharge curves at different current / final voltage (at 25°C)



Costant Current discharge table (Amperes)

End voltage	5 min	10 min	15 min	20 min	30 min	45 min	1 hour	2 hour	3 hour	5 hour	10 hour	20 hour
9.60 V	387	281	227	187	139	100	78.7	43.6	30.9	20.2	11.4	6.12
9.90 V	371	271	223	183	136	98.7	77.6	43.1	30.6	20.1	11.4	6.11
10.02 V	359	266	217	180	135	97.7	77.0	42.8	30.4	20.0	11.3	6.10
10.20 V	347	261	212	177	133	96.7	76.3	42.5	30.2	19.8	11.3	6.09
10.50 V	324	246	201	169	129	94.3	75.0	42.0	29.8	19.7	11.1	6.06
10.80 V	297	227	190	161	124	91.4	72.9	41.1	29.1	19.2	11.0	5.85

Costant Power discharge table (Watts per bloc)

End voltage	5 min	10 min	15 min	20 min	30 min	45 min	1 hour	2 hour	3 hour	5 hour	10 hour	20 hour
9.60 V	3992	2962	2425	2012	1513	1101	869	488	349	230	131	70.5
9.90 V	3893	2907	2411	1990	1500	1094	865	486	347	229	131	70.5
10.02 V	3806	2875	2371	1975	1492	1090	863	485	346	228	130	70.5
10.20 V	3719	2843	2331	1961	1485	1085	860	484	345	228	130	70.4
10.50 V	3536	2723	2246	1897	1458	1071	854	482	343	227	129	70.3
10.80 V	3308	2566	2153	1840	1426	1053	841	477	339	224	128	68.6

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