FIAMM

Industrial Batteries

FGHL series

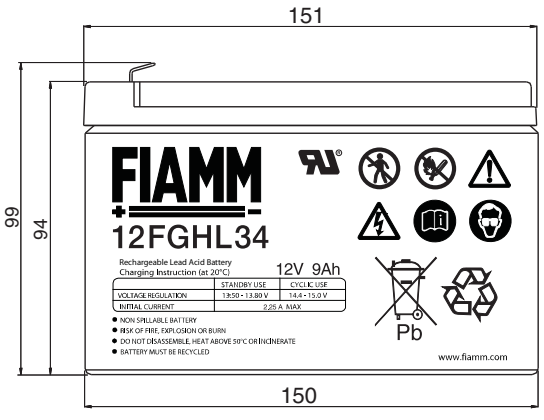
12FGHL34

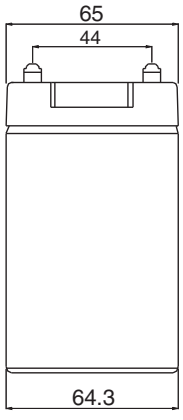
12 Volt
9 Ah

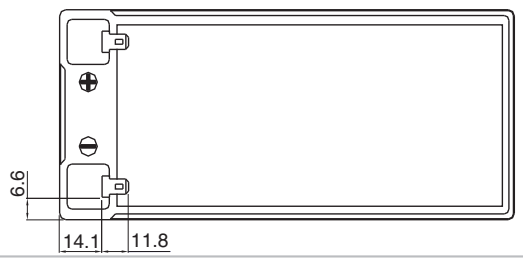
На WEB-страницу товара

12FGHL34is specially designed for high efficient discharge application. It is a high power density range with a design life of 10 years.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	33.5 W @ 15 min-rate to 1.6 Vpc at 25 °C 9.0 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	2.25 A
Case	ABS UL94V-0 (flame retardant plastic)
Internal resistance	23.6 mΩ in full charged condition
Weight	2.70 kg
Dimensions	L x W x H (TH): 151 x 65 x 94 (99)
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 FGHL 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

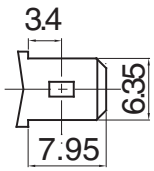


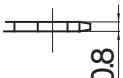




The dimensions have a tollerance of : ± 1.6%

Faston 6.3 mm





SSLA Products

FGHL series

На WEB-страницу товара

12FGHL34

12 Volt 9 Ah

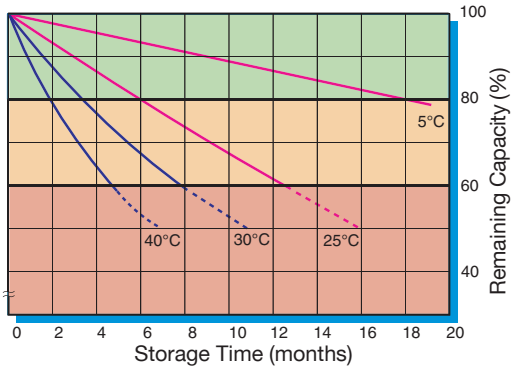
АИ30 MH27960

Capacity loss during storage at various temperatures

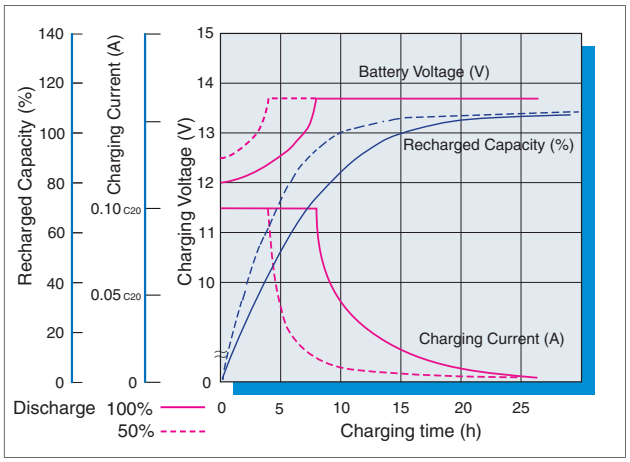
The battery can be used without refreshing charge

Refreshing charge at 2.4 Vpc for 24 hours (at 20-25°C) must be applied as soon as possible.

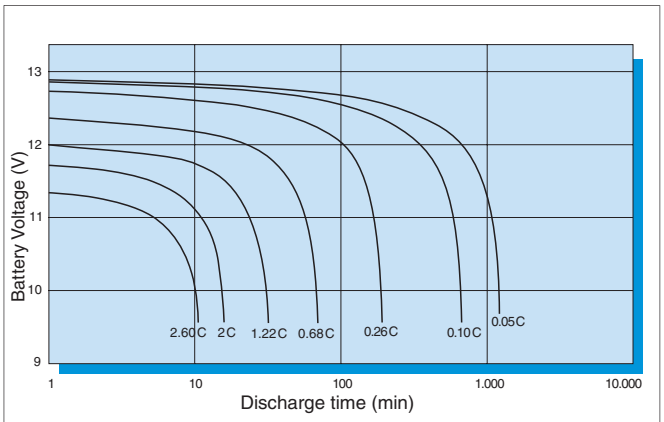
Refreshing charge of 2.4 Vpc may be insufficient to recover the battery capacity. It is important to avoid this area



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 hrs	3 hrs	5 hrs
9.60 V	37.7	25.8	19.2	15.2	10.9	7.66	5.63	3.04	2.14	1.37
9.90 V	37.4	25.5	19.0	15.1	10.8	7.61	5.59	3.02	2.13	1.36
10.02 V	37.2	25.3	18.9	15.0	10.8	7.58	5.57	3.00	2.11	1.36
10.20 V	36.8	25.1	18.6	14.8	10.7	7.53	5.53	2.97	2.09	1.35
10.50 V	36.1	24.6	18.1	14.5	10.5	7.41	5.44	2.90	2.05	1.33
10.80 V	35.1	23.8	17.5	14.1	10.3	7.27	5.33	2.85	1.98	1.26

Costant Power discharge table (Watts per bloc)

End voltage	5 min	10 min	15 min	20 min	30 min	45 min	1 hour	2 hrs	3 hrs	5 hrs
9.60 V	377	264	201	163	119	85.2	63.4	34.7	24.6	15.9
9.90 V	375	263	200	162	119	84.9	63.1	34.5	24.5	15.8
10.02 V	374	262	199	161	118	84.7	62.9	34.4	24.4	15.8
10.20 V	371	260	197	160	117	84.2	62.5	34.0	24.2	15.7
10.50 V	365	255	193	157	116	83.3	61.7	33.4	23.9	15.6
10.80 V	356	248	188	154	114	82.1	60.8	33.0	23.1	14.8

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