

SBV 26-12i

(12V 26Ah)

VdS: G 108007

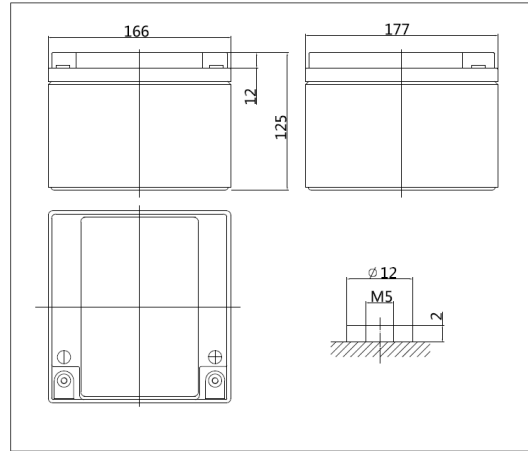
General Purpose battery with 10-12 years design life (EUROBAT)

Status: 05-2014

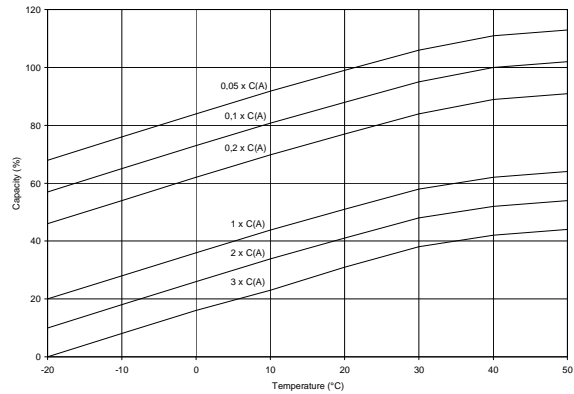
Specifications

Nominal Voltage		12V
Capacity (20hr@25°C@1.75V/C)		26Ah
Dimensions	Length	165mm (6.50 inch)
	Width	176mm (6.94 inch)
	Height	127mm (5.00 inch)
	Total Height	127mm (5.00 inch)
Approx. Weight		8.4kg (18.5 lbs)
Maximum charging current		7.8A
Maximum discharge current		390A (5sec.)
Internal resistance (Fully charged, 25°C)		Approx. 12mΩ
Capacity affected by temperature (10hr)	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Self-discharge (25°C)	3 month	Remaining Capacity: 91%
	6 month	Remaining Capacity: 82%
	12 month	Remaining Capacity: 65%
Nominal operating temperature		25°C ±3°C (77°F±5°F)
Operating temperature range		-15°C ~ 50°C (5°F ~ 122°F)
Float charging voltage (25°C)		13.65 to 13.80V
Cyclic charging voltage (25°C)		14.50 to 14.90V
Absorbent glass mat technology		
ABS (UL94-HB) container		Recognized by UL & CE

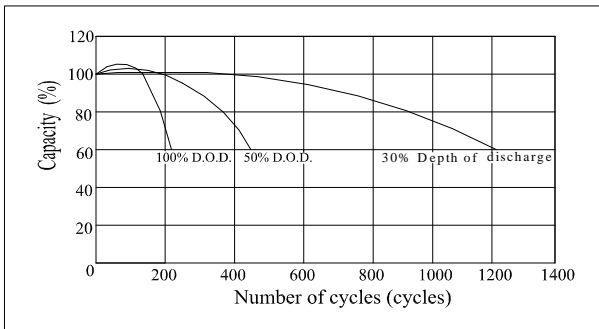
Dimensions



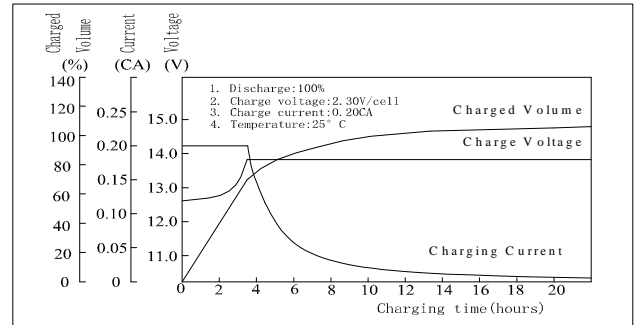
Temperature Effects in Relation to Battery Capacity



Cycle Life (25°C)



Charging Characteristics (25°C)



Constant Current Discharge Characteristics (Ampere per Battery, 25°C)

F.V/TIME	5min	10min	15min	30min	1h	3h	5h	10h	20h
9.60V	95.0	65.0	46.5	28.2	16.2	6.93	4.51	2.47	1.30
10.2V	90.2	61.8	44.6	27.2	15.7	6.80	4.42	2.43	1.28
10.8V	84.8	58.0	42.4	26.0	15.0	6.56	4.28	2.37	1.25

Constant Power Discharge Characteristics (Watt per Battery, 25°C)

F.V/TIME	5min	10min	15min	30min	1h	3h	5h	10h	20h
9.60V	1060	733	530	323	188	82.3	53.8	29.6	15.6
10.2V	1006	697	508	312	182	80.8	52.8	29.1	15.4
10.8V	946	654	483	280	174	77.9	51.1	28.4	15.0

All mentioned values are average values.