



## F.E. Model: FSBFE066- FE2-600DG

**FE2-600DG** is GEL deep cycle battery, with 15 years floating design life, superiorly designed for frequent cyclic discharge application under extreme temperature. By using strong grid to insure reliable performance under frequent cyclic discharge use, 400 cycles could be available at 100% DOD. Offering extra-durable cyclic performance, high efficiency of recovery, that is more suitable for solar.

### Specification

Cell Number	1
Nominal Voltage	2V
Weight(Approx.)	44.0/97.0Kg/lbs
Dimension(L×W×H)	302×177×334mm
Specific Energy	27.3Wh/Kg
Capacity(25°C,77°F)	10hr(60.0A,1.80V)600AH 3hr(154A,1.80V) 462AH 1hr(336A,1.75V)336AH
Internal Resistance(fully charged state)	0.33mΩ
Maximum Charge Current	90A
Short Circuit Current	5860A
Charge Voltage in Floating USE(Per cell)	2.25V
Charge Voltage in Cycling USE(Per cell)	2.35V
Design floating life	15 year
Operating Temperature Range	-20°C ~+55°C
Terminal Type	GFM—22
Terminal Material	Cu(Tin coated)
Torque Value	12~16N.m

### Constant Current Discharge Data (Amperes Per cell at 25°C, 77°F)

End Voltage (V/cell)	Discharge Time(minutes)												
	5	10	15	20	30	60	120	180	300	360	480	600	1200
<b>1.65</b>	1440	1080	834	783	660	357	204	165	114	102	79.8	65.7	35.7
<b>1.70</b>	1296	999	759	711	600	345	197	165	111	96.6	77.4	63.6	35.1
<b>1.75</b>	1167	927	690	645	546	336	189	161	109	95.1	75.9	61.8	34.2
<b>1.80</b>	1050	858	627	588	495	324	178	154	105	91.5	72.9	60.0	33.0
<b>1.85</b>	945	789	570	534	450	300	167	144	98.7	85.8	68.4	56.7	31.8

### Constant Current Discharge Data (Amperes Per cell at 25°C, 77°F)

End Voltage (V/cell)	Discharge Time(minutes)												
	5	10	15	20	30	60	120	180	300	360	480	600	1200
<b>1.65</b>	2526	1926	1554	1413	1209	663	375	312	210	182	144	121	68.1
<b>1.70</b>	2325	1821	1425	1365	1149	651	369	312	206	178	141	118	66.3
<b>1.75</b>	2139	1719	1386	1317	1092	636	363	309	202	174	138	114	64.2
<b>1.80</b>	1968	1626	1302	1269	1038	624	357	297	198	171	136	111	62.4
<b>1.85</b>	1809	1206	1206	1224	984	612	351	282	191	163	129	106	59.4



**ISO9001**



**ISO14001**