

1. Physical Specifications

Variant	Length	Base length	Width	Base width	Lid height	Total height	Weight ±5%
GF 06 240 V	311 mm	296 mm	181 mm	177 mm	336 mm	358 mm	48 kg
GF 06 240 VP	311 mm	296 mm	181 mm	177 mm	336 mm	345 mm	48 kg

Variant	Terminal	Container Material	Bolt torque value
GF 06 240 V	Conical (DIN A, EN 60095-2)	UL 94-HB (PP)	8 ±1 Nm
GF 06 240 VP	F-M8 (Female)		12 ±1 Nm

2. Performance Data

Discharge Rate	Capacity	End of discharge voltage		Effective runtime		Energy density		Power density	
		60% DOD	80% DOD	60% DOD	80% DOD	[Wh/L]	[Wh/kg]	[W/L]	[W/kg]
[h]	[Ah]	[V]		[h]					
20,0	270,0	2,01	1,98	10,7	14,2	90,4	33,9	4,5	1,7
10,0	255,0	2,00	1,97	5,6	7,5	84,9	31,9	8,5	3,2
5,0	240,0	1,98	1,93	3,0	4,0	78,4	29,4	15,7	5,9
3,0	216,0	1,96	1,89	2,0	2,7	70,2	26,3	23,4	8,8
2,0	191,0	1,93	1,78	1,5	2,0	60,4	22,7	30,2	11,3
1,0	143,0	1,90	1,63	1,0	1,0	44,3	16,6	44,3	16,6
0,5	111,0	1,57	1,57	0,5	0,5	33,5	12,6	66,9	25,1
0,2	82,0	1,40	1,40	0,2	0,2	24,4	9,2	122,2	45,9

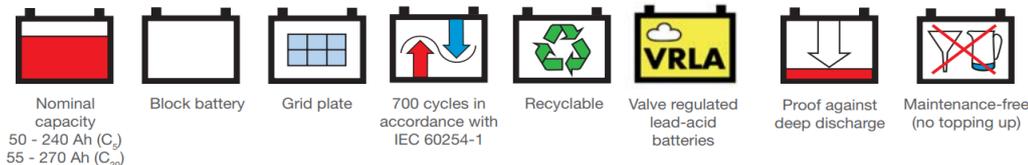
Typical values after 20 to 50 C₅ cycles at 30 °C

Cyclic performance*	<i>*according to IEC 60254-1 DOD 70%</i>	700
Operating Temperature Range	<i>Discharging</i>	-20°C to +50°C
	<i>Charging</i>	5°C to 40°C
Recommended max. load**	<i>**with appropriate counter contacts</i>	480 A

3. Charging

Charging Profile***	<i>***according to Exide specification</i>	IU1a
Charging Time		10 - 14 h

4. General properties of the range



We reserve the right to discontinue or change specification any time without notice or obligation