

## 1. Physical Specifications

Variant	Length	Base length	Width	Base width	Lid height	Total height	Weight ±5%
GF 06 180 V	246 mm	244 mm	192 mm	190 mm	253 mm	276 mm	30.0 kg
GF 06 180 VQ	246 mm	244 mm	192 mm	190 mm	253 mm	284 mm	30.5 kg
GF 06 180 VP	246 mm	244 mm	192 mm	190 mm	253 mm	276 mm	30.0 kg

Variant	Terminal	Container Material	Bolt torque value
GF 06 180 V	Conical (DIN A, EN 60095-2)	UL 94-HB (PP)	8 ±1 Nm
GF 06 180 VQ	F-M10 (Female)		20 ±1 Nm
GF 06 180 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	200,0	2,01	1,98	10,9	14,5	101,8	38,9	5,1	1,9
10,0	190,0	2,00	1,97	5,7	7,5	96,2	36,8	9,6	3,7
<b>5,0</b>	<b>180,0</b>	<b>1,98</b>	<b>1,93</b>	<b>3,0</b>	<b>4,0</b>	<b>89,3</b>	<b>34,1</b>	<b>17,9</b>	<b>6,8</b>
3,0	168,0	1,96	1,89	2,0	2,7	82,9	31,7	27,6	10,6
2,0	154,0	1,93	1,78	1,5	2,0	74,1	28,3	37,0	14,2
1,0	130,0	1,90	1,63	0,9	1,0	61,2	23,4	61,2	23,4
0,5	109,5	1,57	1,57	0,5	0,5	50,2	19,2	100,3	38,4
0,2	81,6	1,40	1,40	0,2	0,2	37,0	14,1	184,9	70,7

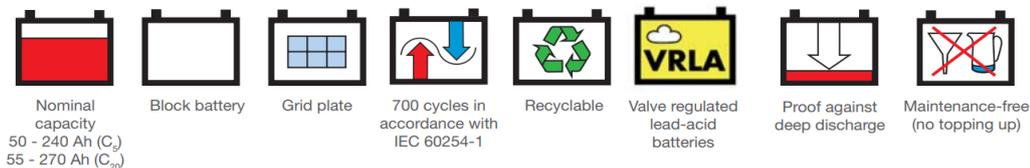
Typical values after 20 to 50 C<sub>5</sub> cycles at 30 °C

<b>Cyclic performance*</b>	*according to IEC 60254-1 DOD 70%	<b>700</b>
<b>Operating Temperature Range</b>	Discharging	<b>-20°C to +50°C</b>
	Charging	<b>5°C to 40°C</b>
<b>Recommended max. load**</b>	**with appropriate counter contacts	<b>360 A</b>

## 3. Charging

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

## 4. General properties of the range



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