

GF12065Y 12V 65Ah

1. Physical Data

Box Data

Battery			CHG cond.		Lid Colour	max length	basic length	max width	basic width	Lid height	max height	Weight
Type	V	C ₅	Series	Ter-minal	Box	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[kg]
GF	12	065	Y			353	353	175	175	163	190	26,8

Tightening Torque Values of connectors to Terminal
conical terminal according EN 60095-2

8 ± 1Nm

2. Performance Data

Discharge rate	Capacity	End Of DCH Voltage DOD		Effective DCH Time DOD		Energy Density		Power Density	
		60%	80%	60%	80%	[Wh/l]	[Wh/kg]	[W/l]	[W/kg]
[h]	[Ah]	[V]		[h]		[Wh/l]	[Wh/kg]	[W/l]	[W/kg]
20,0	78,0	2,01	1,98	10,0	13,3	93,4	35,1	4,7	1,8
5,0	65,0	1,98	1,93	3,0	4,0	75,9	28,5	15,2	5,7

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

recommended max. Load *) 130 A

*) With appropriate counter contacts only

Cyclic endurance according IEC 254-1 450

Temperature Regime (Depending on DOD) -20 °C up to 50 °C

Typical Operational Temperature Regime 5 °C up to 40 °C

3. Charging

Charging Profile(s) IU1a

according GNB Specification

Fast Charge Possible