

Product Sheet FG24204

TECHNICAL DATA		LAYOUT
Voltage	12.00 V	Technical drawings of the FIAMM FG24204 battery showing top, side, and front views with dimensions. The top view shows a width of 197 mm and a depth of 168 mm. The side view shows a height of 170 mm. The front view shows a width of 153 mm and a height of 165 mm. The front view also shows the terminal locations with a 22 mm spacing and a 65 mm offset.
Performance	42Ah C20 1.75V/cell 25°C	
Float Voltage	2.27V/cell at 20°C	
Connection torque	5 - 7 Nm	
Max Charge Current	10.50 A	
Weight (Typical)	13,50 kg	
Internal Resistance	mΩ	
Short Circuit Current	A	

ELECTRICAL PERFORMANCES - Including Fiamm connection voltage drop

Constant Current Discharge Table [A] at 20°C

V / cell	5 min	10 min	15 min	30 min	45 min	1 h	2 h	3 h	4 h	5 h	6 h	8 h	10 h
1,60	144	98,1	74,3	45,1	32,6	25,7	14,0	10,3		6,84			3,80
1,65	139	95,9	72,9	44,7	32,3	25,4	13,9	10,2		6,77			3,76
1,67	136	94,6	72,1	44,4	32,0	25,2	13,8	10,1		6,73			3,73
1,70	132	92,9	71,3	43,9	31,7	25,0	13,7	9,98		6,69			3,71
1,75	127	90,3	69,5	43,1	31,1	24,6	13,5	9,88		6,57			3,65
1,80	115	84,3	65,9	40,4	29,5	23,4	13,0	9,54		6,40			3,58
1,85													
1,90													

Constant Power Discharge Table [W/cell] at 25°C

V / cell	5 min	10 min	15 min	30 min	45 min	1 h	2 h	3 h	4 h	5 h	6 h	8 h	10 h
1,60	252	176	136	86,2	63,5	50,5	27,9	20,3		13,6			7,57
1,65	245	173	134	85,6	63,2	50,2	27,8	20,1		13,5			7,52
1,67	240	171	133	85,1	62,6	49,9	27,6	20,0		13,4			7,49
1,70	232	168	132	84,4	62,1	49,4	27,5	19,8		13,4			7,45
1,75	224	164	129	83,1	61,2	48,8	27,2	19,7		13,2			7,39
1,80	205	154	123	78,5	58,3	46,7	26,3	19,2		12,9			7,25
1,85													
1,90													