IRONCLAD® Batteries: Technical Data



MORE POWER — LONGER RUN-TIME

IRONCLAD® batteries maintain higher average voltages in forklift applications than conventional batteries.

Higher voltages can result in faster drive and lift speeds. Plus, IRONCLAD® batteries have the highest ampere-hour capacity ratings.

IRONCLAD® batteries outperform other conventional batteries with up to 15% more power, particularly at the higher discharge rates demanded by the latest material handling equipment. It is also possible to extract up to 120%* of the battery capacity per day by means of fast-opportunity charging.

*When paired with our high-frequency chargers with advanced charging profiles.







Boost productivity. More surface area, means more power.



Integrated plug-and-play power systems with compatible components from one trusted supplier.



System power and performance with ownership costs verified before purchase and a warranty you can count on.



IRONCLAD® PzQ-cells with bolt-on connectors, dimensions according to DIN/EN 60254-2 and IEC 254-2 Serie L standards

Cell Designation	Nominal capacity	Length	Width	Overall height	Weight +/-5% with electrolyte
	5- hour Ah	mm	mm	mm	kg
2 PzQ 276	276	47	198	600	14.9
3 PzQ 414	414	65	198	600	21.4
4 PzQ 552	552	83	198	600	27.7
5 PzQ 690	690	101	198	600	33.4
6 PzQ 828	828	119	198	600	40.6
7 PzQ 966	966	137	198	600	47.0
8 PzQ 1104	1104	155	198	600	53.4
10 PzQ 1380 4P**	1380	192	198	600	67.0
12 PzQ 1656 4P**	1656	228	198	600	80.1
3 PzQ 516	516	65	198	750	27.0
4 PzQ 688	688	83	198	750	35.0
5 PzQ 860	860	101	198	750	42.9
6 PzQ 1032	1032	119	198	750	50.9
7 PzQ 1204	1204	137	198	750	58.8
8 PzQ 1376 4P**	1376	155	198	750	67.1
9 PzQ 1548 4P**	1548	174	198	750	77.1
10 PzQ 1720 4P**	1720	192	198	750	85.3
12 PzQ 2064 4P**	2064	228	198	750	103.2

^{*} Overlid height = Overall height-30 mm ** 4P = 4 post cell configuration for high discharge and recharge currents



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