

EDrive Power Square

The traction battery for the most extreme conditions.

THE POWER
OF SQUARE

More power
Longer life span
Extreme duty

Applications:

Internal logistics
Cleaning machines
Electric vehicles
Shipping

Do you need a traction battery with even more power? A battery that runs in longer shifts and at the same time has a longer life span than standard traction cells? Then EDrive Power Square may be the right answer. This battery has been developed with just one aim: optimal use in the most extreme conditions. This is achieved thanks to a unique cell design. Square tube plates provide a larger plate area and more power.

All the elements in the battery are of superior quality. Heavier plates, better separators and purer lead. This ensures more energy and a longer life span. In concrete terms, this can make a considerable difference to the Total Cost of Ownership. When working longer shifts, EDrive Power Square can save the cost of other replacement batteries. This means that this high performance battery meets the latest generation of lead-acid batteries.

Advantages EDrive Power Square

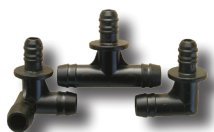
- Developed for extreme heavy duty applications
- Increased capacity through modified cell design
- Generates more power through a larger plate area thanks to square tube plates
- Runs easily in longer shifts so batteries can be saved
- Plates can handle higher voltage levels during the discharge cycle
- Heavier and more robust plates ensure a longer life span
- Automatic water filling system fitted as standard, acid circulation and electrolyte level sensor, optional BMS
- European manufacturing
- Ideal in combination with the EDrive Flexis Pro
- Warranty: 2 years + 2 years digressive, possibility of extension with full service contract



Standard equipment: Automatic water filling system and acid circulation



Pipe with
T-piece



Corner, T and end piece

Thanks to the BFS III battery water refilling system, the process of refilling water is automated. The BFS filling system is made of high-quality materials and is very easy to install. This makes BFS III the most flexible and reliable filling system in its category.

Advantages

- Fast process and very easy to install
- Flexible rubber hoses
- Water barrels and deionisation devices available

Acid circulation: what are the advantages?

- Energy savings: shorter charging times
- Longer life span: excessive charging is avoided and avoided, so that the battery plates are subjected to less stress
- Less water consumption
- Intermediate charges: one of the problems with intermediate charges is stratification and this is perfectly eliminated by acid circulation.

Option: B.M.S. Service (Battery Monitoring System)



B.M.S. gives us a clear insight into the use, maintenance and exact technical state of your batteries. The system uses various sensors to register all battery charges and discharges. Using B.M.S. extends the warranty period of your battery to 4 years. Contact Emrol to discuss the possibilities.

Technical specifications DIN

PsQ code	Emrol code	Ah/5h	Width	Height 1	Height 2	Weight
2 PsQ 280	DIN 600/47 PsQ	280	47	570	593	15,5
3 PsQ 420	DIN 600/65 PsQ	420	65	570	593	21,9
4 PsQ 560	DIN 600/83 PsQ	560	83	570	593	28,4
5 PsQ 700	DIN 600/101 PsQ	700	101	570	593	35,0
6 PsQ 840	DIN 600/119 PsQ	840	119	570	593	41,5
7 PsQ 980	DIN 600/137 PsQ	980	137	570	593	48,1
8 PsQ 1120	DIN 600/155 PsQ	1120	155	570	593	54,6
9 PsQ 1260	DIN 600/173 DP PsQ	1260	173	570	593	61,6
10 PsQ 1400	DIN 600/191 DP PsQ	1400	191	570	593	68,1
12 PsQ 1680	DIN 600/227 DP PsQ	1680	227	570	593	81,2

PsQ code	Emrol code	Ah/5h	Width	Height 1	Height 2	Weight
2 PsQ 340	DIN 745/47 PsQ	340	47	720	743	22,4
3 PsQ 510	DIN 745/65 PsQ	510	65	720	743	27,4
4 PsQ 680	DIN 745/83 PsQ	680	83	720	743	35,1
5 PsQ 850	DIN 745/101 PsQ	850	101	720	743	43,1
6 PsQ 1020	DIN 745/119 PsQ	1020	119	720	743	51,2
7 PsQ 1190	DIN 745/137 PsQ	1190	137	720	743	59,4
8 PsQ 1360	DIN 745/155 PsQ	1360	155	720	743	67,5
9 PsQ 1530	DIN 745/173 DP PsQ	1530	173	720	743	76,4
10 PsQ 1700	DIN 745/191 DP PsQ	1700	191	720	743	84,5
12 PsQ 2040	DIN 745/227 DP PsQ	2040	227	720	743	100,8

Weight: always with electrolyte / Weight and capacity: +/- 5% Length: 198 mm / Height 1: lid height / Height 2: total height
Cells from 9 to 12 PsQ are only available with 4 poles. Technical modifications can be done without prior notice.

Ecobat Battery

Industrieweg 15, 2390 Malle, Belgium

Tel Belgium +32 (0)3 309 24 24

Tel Netherlands +31 (0)515 53 18 81

info.malle@ecobat.com

ecobatbattery.be

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