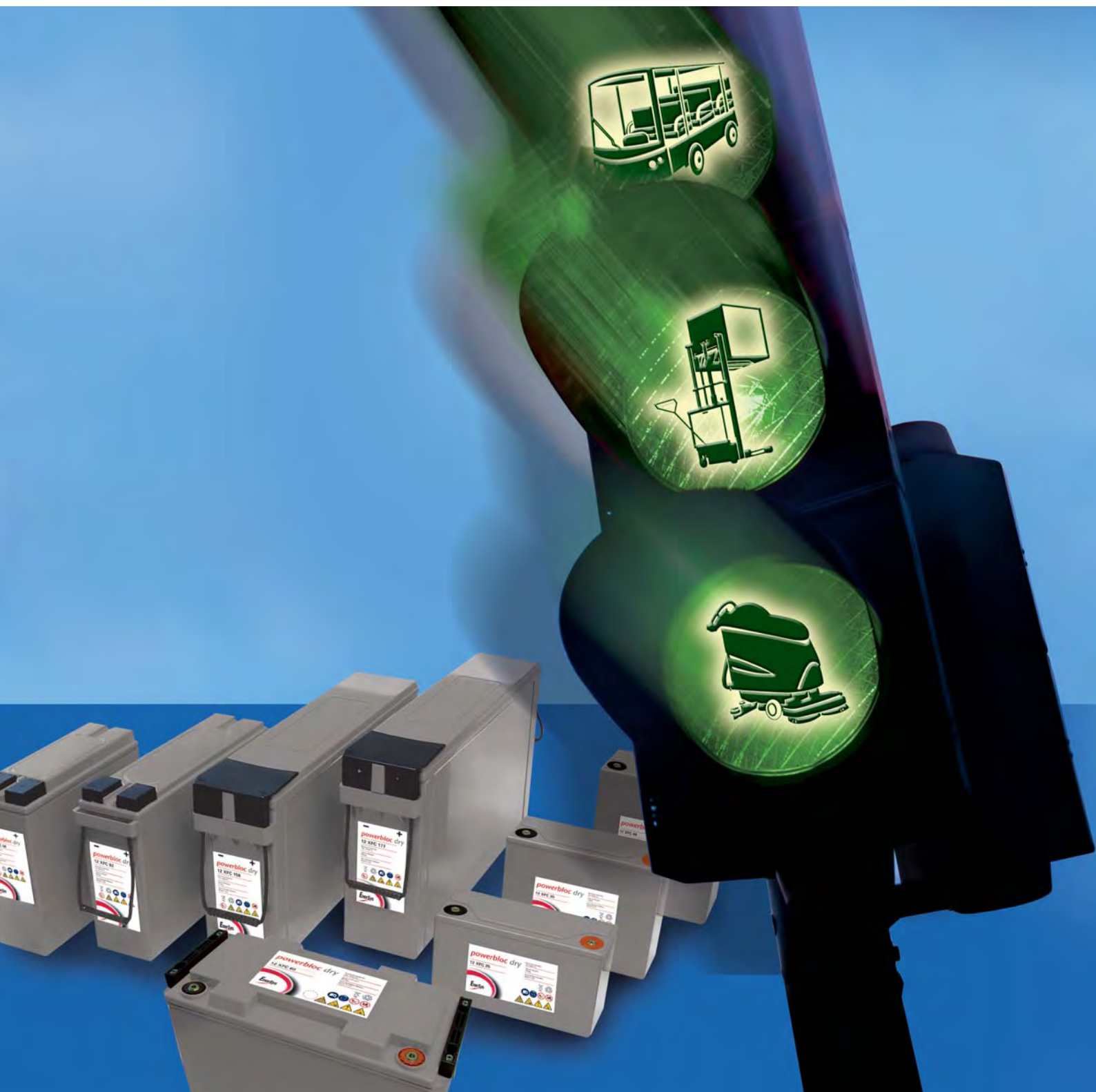




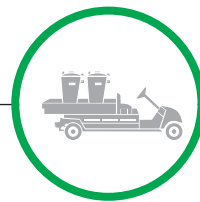
GREEN LIGHT TO USE WHEN YOU LIKE

powerbloc dry XFC: The unique battery



A very rapid recharge

XFC blocs will totally revolutionise the way you work: use them as you want, and recharge whenever you can, during breaks and at the end of the shift. The battery can even be put back into service before it is fully recharged.



XFC will transform the way you work – forever!

Advanced technology and robust construction delivering exceptional performance.

XFC blocs are maintenance free. The electrolyte is absorbed in a superior quality microporous glass mat separator with high absorption and stability designed to enhance cyclic capability.

Positive and negative plates are low impedance, high corrosion resistant thin plate grids (pure lead) manufactured using a unique process.

Containers are ABS, highly resistant to shock and vibration.

These batteries are suitable for use in small traction applications such as:

- Floor care (cleaning machines)
- Pallet trucks
- Shuttle personnel carriers
- Industrial utility vehicles (small refuse collection vehicles for example)
- And many other applications



When you are not using it, charge it!



A wide spectrum of high-lights

The new powerbloc dry XFC range of monoblocs have been designed optimising cycling performance as well as reducing the recharge time when combined with our approved charger.

The state-of-the-art technology of these blocs allows superior performance and a long list of benefits compared to conventional lead acid blocs (gel or flooded).

- High energy throughput (up to 300% of C_5 per 24 hours-maximum DOD of 80% must be observed, please ask for further details for this application)
- Excellent cycle life (up to 1,200 cycles at 60% DOD)
- Environmentally friendly
 - Minimum gassing : ideal for use in shops, public areas and sensitive manufacturing areas
 - Highly recyclable
- Suitable for multi-shift operations and optimises machine availability
- Short recharge time (less than 3 hours at 60% DOD, with approved charger)
- Suitable for opportunity charging
- High tolerance to occasional overdischarge
- Increased shelf life (up to 2 years at 20 °C)
- Easy installation in any orientation except inverted
- Space saving : An XFC bloc typically occupies 30% less space than the equivalent lead calcium bloc = more power for less space



Totally revolutionary

The specific charging profile developed for recharging the XFC blocs allows a rapid recharge in 3 hours at 60% DOD and opportunity charging as often as needed without damaging the blocs.



Terminal adapters

SAE post



Female to male adapter

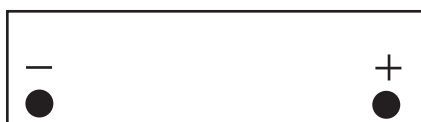


M6 male front terminal adapter



Terminal Layout

Layout 1



Layout 2



Technical Data

Type	Voltage (V)	Nominal Capacity (Ah) C ₅	Nominal Capacity (Ah) C ₂₀	Dimensions (mm)				Weight (kg)	Terminal	Terminal adapter	Terminal Layout
				L	W	Box Ht	Term. Ht				
12XFC25	12	25	29	250	97	147	144	10	M6 Female	SAE post	1
12XFC35	12	35	41	250	97	197	194	13	M6 Female	SAE post	1
12XFC48	12	48	54	220	121	252	248	19	M6 Female	SAE post	1
12XFC58	12	58	64	280	97	264	248	19	M8 Female	M6 Male front terminal	2
12XFC60	12	60	63	329	166	174	166	25	M6 Female	SAE post	1
12XFC82	12	82	98	395	105	264	248	28	M8 Female	M6 Male front terminal	2
12XFC158	12	158	179	561	125	283	263	51	M8 Female	M6 Male front terminal	2
12XFC177	12	177	202	561	125	317	297	58	M8 Female	M6 Male front terminal	2

XFC Charger Selection Table

Powerbloc Type	Charger Rating
12XFC25	15 Amp
12XFC35	20 Amp
12XFC48	30 Amp
12XFC60	30 Amp
12XFC58	30 Amp
12XFC82	40 Amp
12XFC158	80 Amp
12XFC177	100 Amp

This table gives the nominal charger rating and according to XFC specification. Other ratings can be used with the agreement of EnerSys Technical Authority - please consult your local EnerSys Application Engineer for details.

XFC blocs ... a step into the future of battery technology!

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