

PowerPlusLife

# STILL PowerPlusLife Battery.

## 100% Performance, 100% Cool.



**Electric forklift trucks are ideal all-rounders, also to transport heavy loads. Economically they are particularly interesting as well. In very challenging applications the battery used to be the limiting factor – from now on STILL offers you full power with a new battery technology!**

In very tough applications and in three-shift operation sometimes conventional lead-acid batteries reach their (physical) limits. Even one or two spare batteries may not provide sufficient cooling cycles. This situation often requires very costly special batteries with higher energy density. With its PowerPlusLife battery, STILL now offers a completely new solution.



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**STILL**

**PowerPlusLife**



The STILL PowerPlusLife battery relies on proven lead-acid technology (PzS battery) and thanks to its patented auto-cooling system it provides a substantial plus in performance and endurance by reducing the temperature.

**Runs longer – electric instead of diesel power.**

The battery furnishes a clear plus in overall performance – for challenging tasks, as in the beverage industry, for example, or in general multi-shift operation, the trucks deliver dynamics and turnover performance at a level only diesel trucks could provide in the past.

**Runs faster – the plus in turnover.**

In terms of performance a clear increase is possible compared to a regular battery. For example, lift speed and acceleration are enhanced by 25% and the driving speed of the 8-ton electric forklift truck RX 60-80 leaps from 17 to 20 km/h.

**Longer use – the carefree power pack.**

Reducing the battery temperature by up to 20°C removes strain from the battery. This prolongs the service life of the battery by as many as two years, even in tough applications. This way the PowerPlusLife battery also takes stress off the budget because the batteries have to be replaced less often.

**PowerPlusLife battery in comparison. Example STILL RX 60-80**

		Standard battery	PowerPlusLife battery	
Driving speed with load	km/h	14	16	+14%
Driving speed without load	km/h	17	20	+18%
Lift speed with load	m/s	0,28	0,36	+30%
Lift speed without load	m/s	0,37	0,48	+30%
Acceleration with load (15m)	s	5,8	5,2	+9%
Acceleration without load (15m)	s	5,1	4,6	+9%
Battery capacity	Ah	1240	1085	-12%
Weight	kg	2824	2824	± 0%
Energy consumption (VDI)	kWh/h	16	17,9	+12%*
Turnover performance	t/h	411,4	462	+12%

\* due to higher performance

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