



Selectiva 4.0

96V / 120V

Smart, compact, powerful.

We support you on your way to more sustainable, electric intralogistics with our smart and powerful charging technology.

Easy mastering of heavy-duty applications

Our Selectiva 4.0 96V and 120V product range is specially designed for the challenging requirements in heavy-duty applications. Ensure a smooth material flow with efficient and reliable charging of your traction batteries. Our battery chargers are compact in design and adapt flexibly to your requirements.

High availability thanks to smart engineering

Ready for the digital future

Optimized charging process and low operating costs

We rely on the highest quality standards of our charging solutions. Our chargers are particularly robust and durable and thanks to their low failure rate we can ensure high availability of your forklift fleet. Convincing five-year warranty * included.

The Selectiva 4.0 96V / 120V chargers are ready for a connection to our software solution Charge & Connect. Benefit from a new transparency and manage your entire charging infrastructure from one single point.

Our chargers offer functions with real added value - whether external start/stop to increase user safety, time-controlled charging to take advantage of favorable electricity tariffs, or regeneration of deeply discharged batteries.

* Free-of charge extended warranty for end customers / users of the product. Conditions and registration under: www.fronius.com/warrantyextension-pc

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Even under demanding conditions such as fluctuations in the power grid, or extreme temperature fluctuations our chargers reliably supply you with the needed power.



Options

Do you want to optimize your charging process even further?

The Selectiva 4.0 96V and 120V product range offers a wide range of additional options, ideally tailored to your individual requirements.



Charger InterLock

Equal charging of lead-acid batteries? The Fronius Charger InterLock makes it possible. With the help of the Charger InterLock, the charging process of two connected batteries can be „locked“. This prevents the states of charge from shifting and ensures that both batteries are charged evenly.

Your advantages? Minimized equalizing currents between the batteries, prevention of one-sided discharge and thus longer battery life.



Temperature-controlled charging

If your batteries are charged outdoors, high temperature fluctuations can occur. Therefore our chargers can be equipped with a temperature sensor. The temperature of the battery is controlled during charging and the charging process is adjusted accordingly. This protects the battery and increases its service life.



Air-Puls (ECS)

The electrolyte circulation system enables efficient and gentle charging of your traction batteries. This increases their service life and reduces your operating costs.

The latest generation

of battery charging technology for heavy-duty applications

The Selectiva 4.0 96V / 120V chargers have characteristics for all common lead-acid batteries. Battery types (PzQ, CSM, PB-wet,...) with different voltages can be charged safely and efficiently. This simplifies the charging processes and helps you to save costs.



Selectiva 4.0 16kW 96V / 120V

Type: 16kW
 Dimensions W/H/D: 647 x 392 x 247 mm
 Weight incl. charging and mains lead: 37 kg
 Protection class: IP20

Mains lead: 3 m
 Charging lead: 3 m
 Mains voltage: 3 x 400V AC
 Mains tolerance: 96V: (-10%/+30%)
 120V: (-10%/+10%)

Battery voltage	Device designation	Output		Mains				
		voltage	current	phases	voltage	current	power	fuse
96 V	Selectiva 4.0 9140 16kW	96V	140A	3	400V	31A	18,3kW	32A
	Selectiva 4.0 9160 16kW	96V	160A	3	400V	31A	18,3kW	32A
120V	Selectiva 4.0 12110 16kW	120V	110A	3	400V	31A	18,3kW	32A
	Selectiva 4.0 12140 16kW	120V	140A	3	400V	31A	18,3kW	32A



Selectiva 4.0 30kW 96V / 120V

Type: 30kW
 Dimensions W/H/D: 780 x 1090 x 369 mm
 Weight incl. charging and mains lead: 104 kg
 Protection class: IP20

Mains lead: 3 m
 Charging lead 3 m
 Mains voltage: 3 x 400V AC
 Mains tolerance: 96V: (-10%/+30%)
 120V: (-10%/+10%)

Battery voltage	Device designation	Output		Mains				
		voltage	current	phases	voltage	current	power	fuse
96 V	Selectiva 4.0 9250 30kW	96V	250A	3	400V	54A	33kW	63A
	Selectiva 4.0 9300 30kW	96V	300A	3	400V	54A	33kW	63A
120V	Selectiva 4.0 12210 30kW	120V	210A	3	400V	54A	33kW	63A
	Selectiva 4.0 12250 30kW	120V	250A	3	400V	54A	33kW	63A

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