

/ Perfect Welding / Solar Energy / Perfect Charging



PRODUCT CLASSIFICATIONS

Technical data and options

SELECTIVA FAMILY

BATTERY CHARGER FOR LEAD-ACID-BATTERIES

SELECTIVA 1kW



Type: 1kW
Dimensions W/H/D: 247 x 162 x 88 mm
Weight including charging and mains leads: 4 kg
Protection class: IP40

Mains lead: 2 m
Charging lead: 2.5 m
Mains voltage: 1 x 230V AC
(-15%/+15%)

SELECTIVA 2kW



Type: 2kW
Dimensions W/H/D: 341 x 198 x 110 mm
Weight including charging and mains leads: 6 kg
Protection class: IP21

Mains lead: 2.5 m
Charging lead: 3 m
Mains voltage: 1 x 230V AC
(-15%/+15%)

SELECTIVA 3kW



Type: 3kW
Dimensions W/H/D: 417 x 198 x 110 mm
Weight including charging and mains leads: 8 kg
Protection class: IP21

Mains lead: 2.5 m
Charging lead: 3 m
Mains voltage: 1 x 230V AC
(-15%/+15%)

SELECTIVA 8kW



Type: 8kW
Dimensions W/H/D: 633 x 344 x 180 mm
Weight including charging and mains leads: 23 kg
Protection class: IP20

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

SELECTIVA 16kW



Type: 16kW
Dimensions W/H/D: 647 x 392 x 247 mm
Weight including charging and mains leads: 34 kg
Protection class: IP20

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

ABSTRACT OF FUNCTIONS



RI CHARGING PROCESS

The Ri charging process adapts to each battery's requirements and delivers exactly the right current for optimal charging.



CURRENT-PEAK AVOIDANCE

Low power consumption and adjustable charging start times decreases the required connection load and peak load.



OPPORTUNITY CHARGING AND RAPID CHARGING

You can set a special characteristic for opportunity charging and rapid charging at the push of a button.



AUTOMATIC BATTERY VOLTAGE DETECTION

The intelligent battery charging system automatically detects the battery voltage as soon as it is connected.

SELECTION TABLE

THE RIGHT CHARGER FOR YOUR BATTERY AND CHARGING TIME

BATTERY VOLTAGE	CAPACITY [AH] WET BATTERIES (PzS)								VRLA-BATTERY		DEVICE / TYPE	POWER SUPPLY
	6h*	7h*	8h*	9h*	10h*	11h*	12h*	13h*	10h	12h		
12V	110	135	165	195	225	250	280	300	120	135	Selectiva 1020 / 1kW	E230V / 3A / 0.3kW
	160	190	240	300	345	375	420	450	180	200	Selectiva 1030 / 1kW	E230V / 3A / 0.4kW
24V	52	65	80	95	110	125	140	150	55	70	Selectiva 2010 / 1kW	E230V / 3A / 0.3kW
	80	100	125	150	170	185	210	225	80	100	Selectiva 2015 / 1kW	E230V / 3A / 0.4kW
	110	135	165	195	225	250	280	300	120	135	Selectiva 2020 / 1kW	E230V / 4A / 0.7kW
	180	210	260	320	360	400	450	480	190	215	Selectiva 2032 / 1kW	E230V / 8A / 1.0kW
	200	230	290	345	395	440	490	525	220	235	Selectiva 2040 / 1kW	E230V / 8A / 1.1kW
	225	290	355	415	480	535	600	660	225	270	Selectiva 2040 2kW	E230V / 8A / 1.6kW
	280	365	440	520	595	675	750	825	280	335	Selectiva 2050 2kW	E230V / 10A / 1.9kW
	340	440	530	630	725	800	900	990	335	400	Selectiva 2060 2kW	E230V / 12A / 2.3kW
	395	510	630	725	840	940	1060	1155	390	470	Selectiva 2070 2kW	E230V / 12A / 2.4kW
	450	580	700	830	950	1070	1200	1320	445	535	Selectiva 2080 3kW	E230V / 15A / 3.0kW
	560	730	880	1020	1190	1350	1500	1650	560	670	Selectiva 2100 3kW	E230V / 16A / 3.3kW
	560	730	880	1040	1190	1350	1500	1650	560	670	Selectiva 2100 / 8kW	400V / 11A / 3.9kW
	620	805	970	1145	1310	1485	1650	1815	620	740	Selectiva 2120 3kW	E230V / 16A / 3.3kW
	670	870	1060	1250	1430	1600	1800	1980	670	800	Selectiva 2120 / 8kW	400V / 13A / 4.6kW
	800	1000	1240	1450	1680	1880	2100	2310	780	935	Selectiva 2140 / 8kW	400V / 15A / 5.4kW
	930	1150	1420	1650	1920	2140	2400	2640	890	1070	Selectiva 2160 / 8kW	400V / 10A / 6.1kW
1010	1305	1595	1875	2150	2407	2700	2970	1000	1200	Selectiva 2180 / 8kW	400V / 11A / 6.8kW	
1120	1450	1770	2080	2390	2675	3000	3300	1110	1335	Selectiva 2200 / 8kW	400V / 12A / 6.9kW	
36V / 48V	110	135	165	195	225	250	280	300	110	135	Selectiva 4020 2kW	E230V / 8A / 1.6kW
	185	240	290	345	395	445	500	545	195	235	Selectiva 4035 2kW	E230V / 12A / 2.3kW
	250	325	400	465	535	600	670	740	250	300	Selectiva 4045 3kW	E230V / 15A / 3.2kW
	310	405	485	575	655	745	825	910	310	365	Selectiva 4060 3kW	E230V / 16A / 3.3kW
	340	440	530	630	725	800	900	990	335	400	Selectiva 4060 / 8kW	400V / 13A / 4.6kW
	420	545	660	780	890	1015	1125	1240	420	500	Selectiva 4075 / 8kW	400V / 15A / 5.7kW
	505	655	795	935	1075	1200	1350	1485	500	600	Selectiva 4090 / 8kW	400V / 11A / 6.8kW
	670	870	1060	1250	1430	1600	1800	1980	670	800	Selectiva 4120 / 8kW	400V / 14A / 8.8kW
	800	1000	1240	1450	1680	1880	2100	2310	780	930	Selectiva 4140 / 8kW	400V / 15A / 9.5kW
870	1085	1345	1575	1825	2040	2280	2508	860	1035	Selectiva 4160 / 8kW	400V / 16A / 9.6kW	
80V / 72V	225	290	355	415	480	535	600	660	225	270	Selectiva 8040 / 8kW	400V / 9A / 5.0kW
	340	440	530	630	725	800	900	990	335	400	Selectiva 8060 / 8kW	400V / 12A / 7.5kW
	420	545	660	780	890	1015	1125	1240	420	500	Selectiva 8075 / 8kW	400V / 15A / 9.1kW
	495	635	770	910	1040	1170	1300	1430	485	580	Selectiva 8090 / 8kW	400V / 15A / 9.2kW
	670	870	1060	1250	1430	1600	1800	1980	670	800	Selectiva 8120 / 16kW	400V / 25A / 14.8kW
	800	1000	1240	1450	1680	1880	2100	2310	780	935	Selectiva 8140 / 16kW	400V / 28A / 17.2kW
	930	1150	1420	1650	1920	2140	2400	2640	890	1070	Selectiva 8160 / 16kW	400V / 30A / 18.2kW
	1000	1250	1550	1790	2090	2330	2610	2870	970	1170	Selectiva 8180 / 16kW	400V / 30A / 18.3kW

/ Valid for all charging processes: Battery temperature +27°C, charging times can fluctuate about +/- 0.5 hours.

/ Using a pneumatic electrolyte circulation system, the charging time is shortened by approx. 1 hour compared to standard.

/ Charging instructions by battery manufacturer have to be observed!

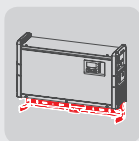


/ LED-stripe



/ USB interface

OPTIONS



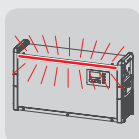
WALL AND FLOOR BRACKETS

For simple and secure installation on the floor or on the wall. An integrated cable holder ensures charging leads are stored safely and protects them against damage



EXTERNAL START/STOP

If the charging lead is disconnected while charging, this function reduces the risk of an explosion and long term damage to the charging plug



LED STRIP

Allows you to see from far away which traction battery is fully charged, or has cooled down. This helps to dramatically increase the service life of your batteries.



TEMPERATURE-CONTROLLED CHARGING

Adapts the charging voltage and output according to the temperature of the battery. This provides extra protection and increases the battery's service life.

OPTION	SELECTIVA 1kW	SELECTIVA 2kW	SELECTIVA 3kW	SELECTIVA 8kW	SELECTIVA 16kW
Aquamatic		•	•	•	•
External start/stop	•	•	•	•	•
Remote control system (Length 30m)				•	•
Relay board		•	•	•	•
Charging status indication	•	Standard	Standard	Standard	Standard
LED-stripe		•	•	•	•
Floor bracket				•	•
Wall bracket	•	•	•	•	•
Edge guard	•	•	•		
Carrying strap + carrying bar		•	•	•	•
Common error message	•	•	•	•	•
USB interface	•	Standard	Standard	Standard	Standard
Temperature-controlled charging	•	•	•	•	•
Immobilizer device	•	•	•	•	•
Air-filter		•	•	•	•
IP 23				•	•
Etiquette Safety Check	•	•	•	•	•
Dealer text		•	•	•	•
Warranty extension up to 12 Months	•	•	•	•	•
Warranty extension up to 36 Months	•	•	•	•	•
Charging plugs	We are pleased to offer you charging plugs on enquiry				

/ Perfect Welding / Solar Energy / Perfect Charging

THREE BUSINESS UNITS, ONE GOAL: TO SET THE STANDARD THROUGH TECHNOLOGICAL ADVANCEMENT.

What began in 1945 as a one-man operation now sets technological standards in the fields of welding technology, photovoltaics and battery charging. Today, the company has around 4,550 employees worldwide and 1,241 patents for product development show the innovative spirit within the company. Sustainable development means for us to implement environmentally relevant and social aspects equally with economic factors. Our goal has remained constant throughout: to be the innovation leader.

Further information about all Fronius products and our global sales partners and representatives can be found at www.fronius.com

v09 May 2018 EN

Fronius India Private Limited
GAT no 312, Nanekarwadi
Chakan, Taluka- Khed District
Pune 410 501, India
Telephone +91 98 20 60 52 97
perfect.charging.in@fronius.com
www.fronius.in

Fronius USA LLC
6797 Fronius Drive
Portage, IN 46368
USA
Telephone +1 877 FRONIUS
perfect.charging.us@fronius.com
www.fronius.us

Fronius UK Limited
Maidstone Road, Kingston
Milton Keynes, MK10 0BD
United Kingdom
Telephone +44 1908 512 300
Fax +44 1908 512 329
charger.sales.uk@fronius.com
www.fronius.co.uk

Fronius International GmbH
Froniusplatz 1
4600 Wels
Austria
Telefon +43 7242 241-0
Fax +43 7242 241-952560
perfect.charging@fronius.com
www.fronius.com