

The RI charging process adapts to the demands on each battery and only charges the battery with the current that it really needs according to its age and state of charge. Gassing and/or battery warming is therefore minimised resulting in maximum battery service life.

Charging processes that are adapted to the demands of the battery prevent uncontrolled overloads and decrease maintenance requirements (less water required, less work). The service life of the battery increases as a result. It is possible to recover / recharge deeply discharged, and sulphated batteries, using one of the unique charging profiles that are pre-programmed into the Selectiva Plus models.

Selection Table

BATTERY VOLTAGE	RECHARGE TIME							DEVICE TYPE	Input Current (a)	Type (kW)		
	6h	7h	8h	9h	10h	11h	12h					
	CAPACITY (Ah)											
12V	110	135	165	195	225	250		Selectiva	1020	1	2	1
	160	190	240	300	345	375			1030	1	2	1
24V	52	65	80	95	110	125	140	Selectiva	2010	1	2	1
	80	100	125	150	170	185	210		2015	1	2	1
	110	135	165	195	225	250	280		2020	1	2	1
	180	210	260	320	360	400	450		2032	1	4	1
	200	230	290	345	395	440	490		2040	1	7	1
	225	290	355	415	480	535	600	Selectiva	2040	1	8	2
	280	365	440	520	595	675	750		2050	1	10	2
	340	440	530	630	725	800	900		2060	1	12	2
	395	510	630	725	840	940	1060		2070	1	12	2
	450	580	710	830	950	1075	1200	Selectiva Plus	2080	1	12	3
	560	730	880	1020	1190	1350	1500		2100	1	16	3
	560	730	880	1020	1190	1350	1500	Selectiva Ri	2100	3	7	8
	670	870	1060	1250	1430	1600	1800		2120	3	7	8
	800	1000	1240	1450	1680	1880	2100		2140	3	8	8
	930	1150	1420	1650	1920				2160	3	9	8
	1010	1305	1595	1875	2150				2180	3	11	8
1120	1450	1770	2030				2200		3	12	8	
36V/48V	110	135	165	195	225	250	280	Selectiva	4020	1	8	2
	185	240	290	345	395	445	495		4035	1	12	2
	280	365	440	520	595	675	750	Selectiva Plus	4050	1	15	3
	340	440	530	620	720	800	900	Selectiva Ri	4060	3	8	8
	420	545	660	780	890	1015	1125		4075	3	9	8
	505	655	795	935	1075	1200	1350		4090	3	10	8
	670	870	1060	1250	1430	1600	1800		4120	3	13	8
	800	1000	1240	1450	1680	1880	2100		4140	3	15	8
870	1085	1345	1575	1825	2040	2280	4160		3	15	8	
80V/72V	225	290	355	415	480	535	600	Selectiva Ri	8040	3	8	8
	340	440	530	620	720	800	900		8060	3	11	8
	420	545	660	780	890	1015	1125		8075	3	13	8
	495	635	770	910	1040	1170	1300		8090	3	15	8
	670	870	1060	1250	1430	1600	1800		8120	3	22	16
	800	1000	1240	1450	1680	1880	2100		8140	3	25	16
	930	1150	1420	1650	1920	2140	2400		8160	3	28	16
	1000	1250	1550	1790	2090	2327	2610		8180	3	30	16

HOUSING	SELECTIVA 1kW	SELECTIVA 2kW	SELECTIVA PLUS 3kW	SELECTIVA 8kW	SELECTIVA 16kW
Housing type	Housing 1	Housing 1	Housing 2	Housing 3	Housing 4
Power	1kW	2kW	3kW	8kW	16kW
Dimensions w/h/d	247 x 162 x 88 mm	341 x 110 x 200 mm	315 x 200 x 110 mm	633 x 344 x 180 mm	647 x 392 x 247 mm
Weight incl. mains and charging lead	4 kg	5 kg	8 kg	23 kg	34 kg
Protection class	IP44 / IP40	IP21	IP21	IP20	IP20
Mains lead	2 m	2.5m	2,5 m	3 m	3 m
Charging lead	2.5 m	3 m	3 m	3 m	3 m
Mains voltage	1 x 230V AC (+/- 10%)	1 x 230V AC (+/-15%)	1 x 230V AC (+/- 10%)	3 x 400V AC (+/- 10%)	3 x 400V AC (+/- 10%)