



CHARGER SPECIFICATION

CHARGER SELECTION TABLE

FILON FUTUR Characteristics

Charging voltages: 12V, 24V, 36V or 48V
 Max. rated output: 0,4 kW
 Mains voltages: 207-253V 50/60Hz - also 100-120V and 100-253V optional
 Protection category: IP 21 higher protection categories up to IP 54 on request
 Protection class: II

	Cabinet	Width	Height	Depth
	HF 90	177	69	112

FILON FUTUR Options

- ConVision The compact programming and analysis package for mobile service applications, consisting of service module and software
- Protection category IP44-IP54 With special cabinets for IP44-IP54 protection
- On-Board Customizable, individual implementations (incl. drive-off protection)
- Temperature compensation Temperature-controlled charge, e.g. for cold store applications
- Pulse charge Ionic electrolyte circulation for reducing charge time by up to 2 h and for very smooth and energy saving charging
- Remote LED indicator As LED control panel or DUO LED (up to 2 m)

Output Voltage	Charger Type	Nominal Current [A]	Charging Curve/Charging Time/Battery Capacity K _{sp} [Ah]						IUla (PzV)	Current [A]	Cabinet	Weight [kg]	Type No.
			IUIa	IUIa	IUIa	IUIa	IUIa (GIV)	IUIa (PzV)					
12 V	E 230 G 12 / 2 B65-FP	2	10 - 12	13 - 16	16 - 20	20 - 25	12 - 17	14 - 17	0,15	HF 90	1,5	52102	
	E 230 G 12 / 3 B65-FP	3	15 - 18	19 - 24	24 - 30	30 - 37	17 - 25	20 - 25	0,23	HF 90	1,5	52103	
	E 230 G 12 / 4 B65-FP	4	20 - 25	25 - 32	32 - 40	40 - 50	23 - 33	27 - 33	0,3	HF 90	1,5	52104	
	E 230 G 12 / 5 B65-FP	5	25 - 31	32 - 40	40 - 50	50 - 62	28 - 42	34 - 42	0,3	HF 90	1,5	52105	
	E 230 G 12 / 6 B65-FP	6	30 - 37	38 - 48	48 - 60	60 - 75	34 - 50	40 - 50	0,4	HF 90	1,5	52106	
	E 230 G 12 / 8 B65-FP	8	40 - 50	50 - 64	64 - 80	80 - 100	45 - 67	54 - 67	0,6	HF 90	1,5	52108	
	E 230 G 12 / 10 B65-FP	10	50 - 62	63 - 80	80 - 100	100 - 125	56 - 83	67 - 83	0,7	HF 90	1,5	52110	
	E 230 G 12 / 12 B65-FP	12	60 - 75	75 - 96	96 - 120	120 - 150	67 - 100	80 - 100	0,8	HF 90	1,5	52112	
	E 230 G 12 / 13 B65-FP	13	65 - 81	82 - 104	104 - 130	130 - 162	73 - 108	87 - 108	1,1	HF 90	1,5	52113	
	E 230 G 12 / 15 B65-FP	15	75 - 93	94 - 120	120 - 150	150 - 187	83 - 125	100 - 125	1,2	HF 90	1,5	52115	
	24 V	E 230 G 24 / 3 B65-FP	3	15 - 18	19 - 24	24 - 30	30 - 37	17 - 25	20 - 25	0,44	HF 90	1,5	52203
		E 230 G 24 / 4 B65-FP	4	20 - 25	25 - 32	32 - 40	40 - 50	23 - 33	27 - 33	0,58	HF 90	1,5	52204
		E 230 G 24 / 5 B65-FP	5	25 - 31	32 - 40	40 - 50	50 - 62	28 - 42	34 - 42	0,72	HF 90	1,5	52205
		E 230 G 24 / 6 B65-FP	6	30 - 37	38 - 48	48 - 60	60 - 75	34 - 50	40 - 50	0,8	HF 90	1,5	52206
		E 230 G 24 / 8 B65-FP	8	40 - 50	50 - 64	64 - 80	80 - 100	45 - 67	54 - 67	1,1	HF 90	1,5	52208
E 230 G 24 / 10 B65-FP		10	50 - 62	63 - 80	80 - 100	100 - 125	56 - 83	67 - 83	1,4	HF 90	1,5	52210	
E 230 G 24 / 12 B65-FP		12	60 - 75	75 - 96	96 - 120	120 - 150	67 - 100	80 - 100	1,7	HF 90	1,5	52212	
36 V	E 230 G 36 / 4 B65-FP	4	20 - 25	25 - 32	32 - 40	40 - 50	23 - 33	27 - 33	0,9	HF 90	1,5	52304	
	E 230 G 36 / 6 B65-FP	6	30 - 37	38 - 48	48 - 60	60 - 75	34 - 50	40 - 50	1,3	HF 90	1,5	52306	
	E 230 G 36 / 8 B65-FP	8	40 - 50	50 - 64	64 - 80	80 - 100	45 - 67	54 - 67	1,8	HF 90	1,5	52308	
48 V	E 230 G 48 / 4 B65-FP	4	20 - 25	25 - 32	32 - 40	40 - 50	23 - 33	27 - 33	1,2	HF 90	1,5	52404	
	E 230 G 48 / 6 B65-FP	6	30 - 37	38 - 48	48 - 60	60 - 75	34 - 50	40 - 50	1,7	HF 90	1,5	52406	
	E 230 G 48 / 8 B65-FP	8	40 - 50	50 - 64	64 - 80	80 - 100	45 - 67	54 - 67	2,3	HF 90	1,5	52408	