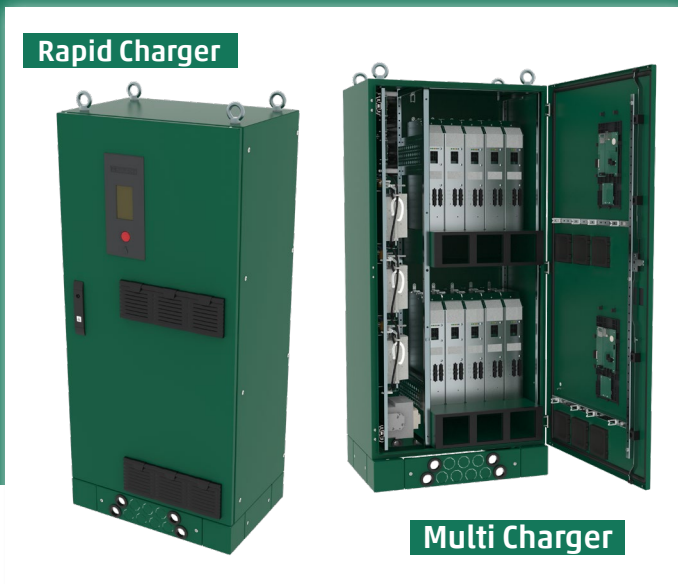


DATA SHEET

trak | charger HF giant



With the new trak | charger HF giant, HOPPECKE proposes an investment-saving solution especially developed for heavy duty operations. The new large charging device is available in a Rapid Charge and a Multi Charge version. The fast charging function of the Rapid Charge enables the batteries to gain 95% of the original loading status in 2.5 hours. The Multi Charger unites up to eight part devices into one housing.

Applications

- ▶ Normal and / or heavy duty operation
- ▶ Fast charging
- ▶ Single or multiple shift operation

Customer benefits

- ▶ Automatic recharging of the batteries independent from their depth of discharge
- ▶ Automatic start of the charging process after battery contacting
- ▶ Soft charge start for low network load and automatic time delay when operating multiple chargers
- ▶ Compensation of supply voltage fluctuations from $\pm 10\%$
- ▶ Identification of already charged batteries, automatic transition to refresh charge mode to compensate self-unloading after ending the charging
- ▶ Intelligent safety shutdown to react to battery faults
- ▶ Charging also possible in case of failure of a power output stage



Type overview **trak** | charger HF giant

Phases	DC voltage [V]	DC current [A]	Number of modules	AC voltage [V]	max. AC current [A]	max. AC power [kVA]	AC plug	AC cable cross section	min. DC cable cross section	Housing size with 100 mm base	Weight [kg]
3	24	65	1	400	6.30	4.36	4P 32A/5P 32A 4P 63A/5P 63A	4G10/5G10	35	H1357/1300xW600xL400	94
3	24	130	2	400	12.60	8.73	4P 32A/5P 32A 4P 63A/5P 63A	4G10/5G10	35	H1357/1300xW600xL400	99
3	24	195	3	400	18.90	13.09	4P 32A/5P 32A 4P 63A/5P 63A	4G10/5G10	50	H1357/1300xW600xL400	105
3	24	260	4	400	25.20	17.46	4P 32A/5P 32A 4P 63A/5P 63A	4G10/5G10	95	H1357/1300xW600xL400	115
3	24	325	5	400	31.50	21.82	4P 32A/5P 32A 4P 63A/5P 63A	4G10/5G10	120	H1357/1300xW600xL400	123
3	24	390	6	400	37.80	26.19	4P 32A/5P 32A 4P 63A/5P 63A	4G10/5G10	150	H1357/1300xW600xL400	130
3	24	455	7	400	44.10	30.55	4P 32A/5P 32A 4P 63A/5P 63A	4G10/5G10	120	H1357/1300xW600xL400	132
3	24	520	8	400	50.40	34.92	4P 63A/5P 63A	4G10/5G10	120	H1357/1300xW600xL400	137
3	24	585	9	400	56.70	39.28	4P 63A/5P 63A	4G16/5G16	120	H1357/1300xW600xL400	144
3	24	650	10	400	63.00	43.65	4P 63A/5P 63A	4G16/5G16	120	H1357/1300xW600xL400	148
3	48	65	1	400	6.30	4.36	4P 32A/5P 32A 4P 63A/5P 63A	4G10/5G10	35	H1357/1300xW600xL400	94
3	48	130	2	400	12.60	8.73	4P 32A/5P 32A 4P 63A/5P 63A	4G10/5G10	35	H1357/1300xW600xL400	99
3	48	195	3	400	18.90	13.09	4P 32A/5P 32A 4P 63A/5P 63A	4G10/5G10	50	H1357/1300xW600xL400	105
3	48	260	4	400	25.20	17.46	4P 32A/5P 32A 4P 63A/5P 63A	4G10/5G10	95	H1357/1300xW600xL400	115
3	48	325	5	400	31.50	21.82	4P 32A/5P 32A 4P 63A/5P 63A	4G10/5G10	120	H1357/1300xW600xL400	123
3	48	390	6	400	37.80	26.19	4P 32A/5P 32A 4P 63A/5P 63A	4G10/5G10	150	H1357/1300xW600xL400	130
3	48	455	7	400	44.10	30.55	4P 32A/5P 32A 4P 63A/5P 63A	4G10/5G10	120	H1357/1300xW600xL400	132
3	48	520	8	400	50.40	34.92	4P 63A/5P 63A	4G10/5G10	120	H1357/1300xW600xL400	137
3	48	585	9	400	56.70	39.28	4P 63A/5P 63A	4G16/5G16	120	H1357/1300xW600xL400	144
3	48	650	10	400	63.00	43.65	4P 63A/5P 63A	4G16/5G16	120	H1357/1300xW600xL400	148

Type overview **trak** | charger HF giant

Phases	DC voltage [V]	DC current [A]	Number of modules	AC voltage [V]	max. AC current [A]	max. AC power [kVA]	AC plug	AC cable cross section	min. DC cable cross section	Housing size with 100 mm base	Weight [kg]
3	80	40	1	400	6.30	4.36	4P 32A/5P 32A 4P 63A/5P 63A	4G10/5G10	35	H1357/1300xW600xL400	94
3	80	80	2	400	12.60	8.73	4P 32A/5P 32A 4P 63A/5P 63A	4G10/5G10	35	H1357/1300xW600xL400	99
3	80	120	3	400	18.90	13.09	4P 32A/5P 32A 4P 63A/5P 63A	4G10/5G10	35	H1357/1300xW600xL400	104
3	80	160	4	400	25.20	17.46	4P 32A/5P 32A 4P 63A/5P 63A	4G10/5G10	50	H1357/1300xW600xL400	110
3	80	200	5	400	31.50	21.82	4P 32A/5P 32A 4P 63A/5P 63A	4G10/5G10	70	H1357/1300xW600xL400	117
3	80	240	6	400	37.80	26.19	4P 32A/5P 32A 4P 63A/5P 63A	4G10/5G10	95	H1357/1300xW600xL400	125
3	80	280	7	400	44.10	30.55	4P 32A/5P 32A 4P 63A/5P 63A	4G10/5G10	95	H1357/1300xW600xL400	130
3	80	320	8	400	50.40	34.92	4P 63A/5P 63A	4G10/5G10	120	H1357/1300xW600xL400	137
3	80	360	9	400	56.70	39.28	4P 63A/5P 63A	4G16/5G16	150	H1357/1300xW600xL400	146
3	80	400	10	400	63.00	43.65	4P 63A/5P 63A	4G16/5G16	150	H1357/1300xW600xL400	151

