

Data sheet

ELH 24/35 on-board charger

Device data	1.1	Technical designation:	E230 G24/35 ELH
	1.2	Rated battery voltage:	24 V
	1.3	Max. charge current:	35A
	1.4	Technology:	High frequency
Charging	2.1	Electrolyte mixing:	Ionic mixing
	2.2	Charging programs:	PzS IU1a-Pulse, PzV Exide Dryfit, PzV Hawker Evo, NexSys, lithium-ion
Battery	3.1	Battery type:	PzS, PzB, PzV, Nexsys, lithium-ion
	3.2	Charging time (min.):	4.2 hours
	3.3	Charging time with electrolyte circulation (min.):	6.5 hours
	3.4	Charging time (max.):	14 hours
	3.5	Charging time with electrolyte circulation (max.):	11 hours
	3.6	Lead-acid battery capacity (min.):	88 Ah
	3.7	Lead-acid battery capacity (max.):	304 Ah
	3.8	Lithium-ion battery capacity (min.):	50 Ah
	3.9	Lithium-ion battery capacity (max.):	150 Ah
	4.1	Device efficiency in accordance with DIN/EN 16796:	92.6% (lithium-ion) 92.4% (lead-acid)
4.2	Standby power:	<2W supply mains	
Mains connection	5.1	Mains connection:	E230 V, +15/-10%, 47-63 Hz
	5.2	Mains connector:	CEE 7/3 (type F / Schuko) CEE 7/5 (type E) CEE 7/7 (combination type E + F) Type L (Italy) Type G (United Kingdom) Type 12 (Switzerland) Type I (Australia) Nema 5-15 (USA)
	5.3	Mains cable:	Spiral cable on the truck
	5.4	Recommended mains fuse:	Type B, B+
	5.5	Power factor (cos phi):	> 0.99
Surroundings	6.1	Min. ambient temperature:	-28°C
	6.2	Max. ambient temperature:	40°C
	6.3	Max. air humidity:	95%
Housing	7.1	Protection rating:	IP54
	7.2	Net weight:	3.1 kg