



## trak | charger HF classic

High efficiency switch mode  
single phase charger

### Typical applications:

- charging of vented and GEL traction batteries
- charging batteries from 24 to 48 VDC
- charging batteries from 100 to 650 Ah

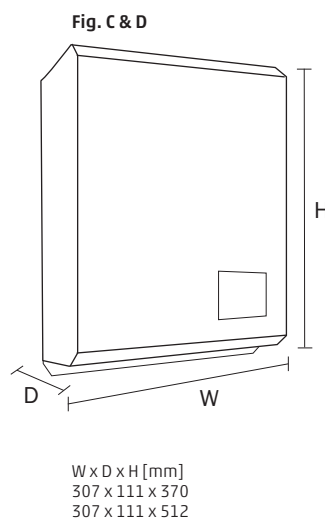
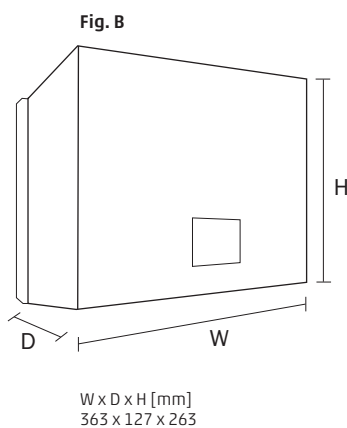
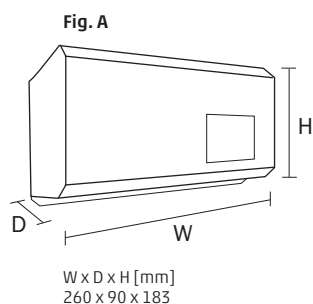
### Your benefits:

- the high efficiency (more than 85 %) leads to a significant reduction of costs
- low weight and volume for easy handling and placement
- also available with electrolyte circulation system (trak | air) for reduced electricity bills, reduced water consumption, reduced battery maintenance and improved battery life
- very low temperature increase at operation leads to increased lifetime and low service costs
- electronic components are located away from the main air flow to prevent damage, corrosion and contamination

## Type overview **trak** | charger HF classic

### Capacities, dimensions and weights

Type	Nominal Voltage	Nom. Mains current [A]	AC plug	DC cable [mm <sup>2</sup> ]	Dimensions <b>trak</b>   basic	Dimensions <b>trak</b>   air	Weight <b>trak</b>   basic [kg]	Weight <b>trak</b>   air [kg]
<b>trak</b>   charger HF classic 24-20	24	4.4	Schuko 230 1~. SEV 1011 Typ 23. CEE 16 A 230 V 1~	6	A	C	3.5	8.0
<b>trak</b>   charger HF classic 24-30	24	6.6	Schuko 230 1~. SEV 1011 Typ 23. CEE 16 A 230 V 1~	6	A	C	3.5	8.0
<b>trak</b>   charger HF classic 24-35	24	7.7	Schuko 230 1~. SEV 1011 Typ 23. CEE 16 A 230 V 1~	10	A	C	3.5	8.0
<b>trak</b>   charger HF classic 24-40	24	8.8	Schuko 230 1~. SEV 1011 Typ 23. CEE 16 A 230 V 1~	10	A	C	3.5	8.0
<b>trak</b>   charger HF classic 24-45	24	9.9	Schuko 230 1~. SEV 1011 Typ 23. CEE 16 A 230 V 1~	10	A	C	3.5	8.0
<b>trak</b>   charger HF classic 24-50	24	11.0	Schuko 230 1~. SEV 1011 Typ 23. CEE 16 A 230 V 1~	16	B	D	8.0	10.5
<b>trak</b>   charger HF classic 24-55	24	12.1	Schuko 230 1~. SEV 1011 Typ 23. CEE 16 A 230 V 1~	16	B	D	8.0	10.5
<b>trak</b>   charger HF classic 24-60	24	13.2	Schuko 230 1~. SEV 1011 Typ 23. CEE 16 A 230 V 1~	16	B	D	8.0	10.5
<b>trak</b>   charger HF classic 24-65	24	14.3	Schuko 230 1~. SEV 1011 Typ 23. CEE 16 A 230 V 1~	16	B	D	8.0	10.5
<b>trak</b>   charger HF classic 36-20	36	6.6	Schuko 230 1~. SEV 1011 Typ 23. CEE 16 A 230 V 1~	6	A	C	3.5	8.0
<b>trak</b>   charger HF classic 36-25	36	8.2	Schuko 230 1~. SEV 1011 Typ 23. CEE 16 A 230 V 1~	6	A	C	3.5	8.0
<b>trak</b>   charger HF classic 36-30	36	9.9	Schuko 230 1~. SEV 1011 Typ 23. CEE 16 A 230 V 1~	16	A	C	3.5	8.0
<b>trak</b>   charger HF classic 36-35	36	11.5	Schuko 230 1~. SEV 1011 Typ 23. CEE 16 A 230 V 1~	16	B	D	8.0	10.5
<b>trak</b>   charger HF classic 36-40	36	13.2	Schuko 230 1~. SEV 1011 Typ 23. CEE 16 A 230 V 1~	16	B	D	8.0	10.5
<b>trak</b>   charger HF classic 36-45	36	14.8	Schuko 230 1~. SEV 1011 Typ 23. CEE 16 A 230 V 1~	20	B	D	8.0	10.5
<b>trak</b>   charger HF classic 48-20	48	8.8	Schuko 230 1~. SEV 1011 Typ 23. CEE 16 A 230 V 1~	6	A	C	8.0	10.5
<b>trak</b>   charger HF classic 48-25	48	11.0	Schuko 230 1~. SEV 1011 Typ 23. CEE 16 A 230 V 1~	6	B	D	8.0	10.5
<b>trak</b>   charger HF classic 48-30	48	13.2	Schuko 230 1~. SEV 1011 Typ 23. CEE 16 A 230 V 1~	6	B	D	8.0	10.5



### Technical Specifications:

- 230V ± 15% single Phase Input Voltage
- IUIa, IUIa gel, IU0a charge profiles available
- "Trickle" charge option
- Microprocessor controlled
- LED indicating state of charge and fault condition
- Suitable for wall fixing
- Suitable for on-board application
- Robust metal construction
- Cooling by forced ventilation
- Reverse polarity protection
- Overall charge timer protection
- Incorrect battery voltage protection
- Thermal protection
- Degree of protection IP20
- For indoor use only
- **trak** | air option
- Equilisation charge
- Maintenance charge

