



The battery charger FTA-H can be operated by the mains of one or three phases. In the case of one phase the input current has sine wave form. The converter consists of input rectifier, booster stage operated in one phase mode, 12,5kHz IGBT inverter and output rectifier. The equipment has a unit producing potential free DC voltage for the lighting equipment of the engine. The charging characteristic is IUUo. The application field is charging the battery and supplying the lighting system of the diesel engine operated by Hungarian railway company MÁV.

Type:	FTA-H 24/130-70
Input voltages	175-240V/20...60Hz 3x230/400V/-5 ...+10%/50Hz
Charging voltage	
- forced charging voltage (U)	28,5V±1%
- floating voltage (Uo)	26,8V±1%
Limitation of output currents	
- charging current (Io)	70A±5%
- total output current	200A±5%
Change over	
- forced/floating charging when Io<	10A±25%
- floating/forced charging when Io>	16A±25%
Stabilized DC voltage	24V±1%
- output current	40A
Proof	IP20
Operating temperature	-20 ... +50°C
Dimensions	1300x300x500mm
Weight	80kg