

ACDC40 – BATTERY CHARGER

Designed to the battery chargers for trains. The unit is located inside the coach.



Battery Charger located inside the coach.

TECHNICAL DATA

Input Characteristics:

- ∞ Nominal input voltage 230 V_{ac} /50Hz

Output Characteristics:

- ∞ Output voltage U_{AN} = 122 V_{DC}
- ∞ Output current I_{AN} = 40 Adc
- ∞ Output power 4,8 kW
- ∞ Overload capability

Protections

- over current protection
- over voltage protection
- under voltage protection
- earth-fault protection
- output phase supervision
- short-circuit protection
- over and under temperature protection

Application:

- ∞ Battery charger



Mechanical Data

Input		General	
Nominal input voltage	230 Vac	Efficiency	~95 %
Operating range	165 Vac – 253 Vac	Temperature range	-40 ...60°C
		Humidity	15...95%
DC-output		Cooling	Forced Air Cooling
Voltage	122Vdc	Dimensions in mm	480 x 550 x 130
		Weight	24 kg
Nominal power	4,8 kW	Mounting	Inside the coach
		Housing	IP 20

Complying standards

Electrical particles	EN 61287-1, Railway applications – Electronic power converters for rolling stock
Vibration shock etc.	EN 61373, Railway applications – Shock and vibration tests
EMC	EN 50121-3-2, EMC on board rolling stock