

The purpose of the charger E146 is charging the batteries of the Diesel Generator Station E179.1 but it can be used also in other systems to charge lead batteries. The charging current is automatically controlled by taking into account the type and charge rate of the battery and, the ambient temperature. The design of the charger is hermetic and, it can be used for long term functioning in field conditions.

### Technical Specifications

	Min.	Nom.	Max.	Unit
Power supply voltage, 50Hz	165	220	265	VAC
Protection level of voltage			300	VAC
Output power			25	W
Efficiency	75			%
Charging final voltage*	14.9	15.1	15.3	V
Charging final voltage**	13.3	13.5	13.7	V
Charging current (U= 15V)		1		A
Charging current (U=12V)		2.1		A
Ambient air temperature	from -30°C up to +55°C (IEC 60068-2-1,2,14)			
Relative humidity	up to 98% at temperature +35°C (IEC 60068-2-3)			
Application in salt mist conditions	allowed (IEC 60068-2-11)			
Mechanical vibration	10...500Hz with acceleration up to 2,2g (IEC 60068-2-6)			
Overall dimensions, W x H x D	152x47x76mm			
Weight				

\*) no adjusting resistor R

\*\*) adjusting resistor R=4,7k



General view and overall dimensions of the charger E146



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