

ENI-LW400/1x30 ENI-LW400/1x40 Charger

APPLICATION



The ENI-LW400/ 1x30/1x40 mobile charger is intended for charging electric bus batteries. The charger transforms 3-phase 400 V_{AC} voltage into adjustable output voltage in the range 400 V ÷ 1000 V. The charger starts operation automatically after connecting the CCS2 plug to the bus. LED diodes indicate the current state of the device - readiness, operation, failure. The length of the 3 x 400 V power cords and the CCS2 charging cable can be configured by the customer.



SPECIFICATION

TYPE	ENI-LW400/1x30	ENI-LW400/1x40
Rated input voltage	3 x 400 V _{AC} 50 Hz	3 x 400 V _{AC} 50 Hz
Connected power [kVA]	33	43
Power factor	>0,98	>0,98
Charging connection plug	CCS Typ 2, Combined Charging System, IEC 62196-3	CCS Typ 2, Combined Charging System, IEC 62196-3
Charging voltage range	400 V _{DC} ÷ 1000 V _{DC}	400 V _{DC} ÷ 1000 V _{DC}
Number of charging connections	1	1
Rated charging power	1 x 30 kW	1 x 40 kW
Maximum charging current	50 A _{DC}	80 A _{DC}
Variation of the maximum charging current	Figure Current characteristics of the charger	Figure Current characteristics of the charger
Efficiency	>95%	>95%
Communication with the vehicle	IEC 61851-1, IEC 61851-23, IEC 61851-24, ISO 15118, DIN 70121	IEC 61851-1, IEC 61851-23, IEC 61851-24, ISO 15118, DIN 70121
Communication protocol	OCPP1.6J	OCPP1.6J
Cooling	Air forced	Air forced
Enclosure protection rating	IP54 (powerelectronics part) IP21 (ventilation part), IK10	IP54 (powerelectronics part) IP21 (ventilation part), IK10
Size (L x W x H)	930 x 700 x 841 mm	930 x 700 x 841 mm
Weight	100 kg	100 kg

CHCURRENT CHARACTERISTICS OF THE CHARGER
