

Data Sheet

Pico charging station 22kW



Technical Data

Maximum charging power	22 kW at 32A three-phase 7.36 kW at 32A single phase
Smart meter	Integrated electricity meter (MID, Eichrecht) incl. security processor
Phase balancing	Automatic phase balancing
Load management	Automatic load management across multiple stations
Identification	Automatic recognition and identification of the car RFID / NFC Reader (JEWEL, MIFARE, FELICA, ISO14443, NFC_DEP, ISO14443_B, ISO15693)
Communication	WLAN IEEE 802.11 b/g/n (2.4 GHz) and LTE Cat-M1 incl. SIM and data traffic for 10 years by 1nce, Modbus TCP, OCPP-J 1.6
Cloud connection	Connection to smart-me and eCarUp Cloud
Safety	From BY 2024, SN 7002702: RCD Type-A (30mA AC) IEC 60947-2 + RDC-DD 6mA DC IEC 62955 Before BY 2024, to SN 7002701: RDC-DD (30mA AC, 6mA DC) IEC 62955
Temperature range	-25°C to 40°C
Mains voltages	3x230/400V 50Hz
Charging socket	IEC 62196-2 type 2
Protection class	IP55 (indoor and outdoor)
Impact resistance	IK10
Environmental conditions	M1, E2
Load shedding	2 potential free inputs (4 states): Vlow: ≤ 2V AC/DC Vhigh: ≥ 12V AC/DC Vmax: 48VDC/230VAC
SO output	10'000 Imp/kWh
Power connection	top, bottom, rear
Installation	busbar, ribbon cable, star-shaped
Dimensions	L:300 mm W:220 mm H:112 mm
Weight inc. mounting plate	3.8 kg
Cable cross section	min. 2.5 mm², max. 10 mm²
Cable diameter	10-20 mm
Server location	Switzerland
Last modified	26.09.2024

Order Information

smart-me Pico charging station 22kW incl. mounting plate	232070
smart-me Pico charging station 22kW without mounting plate	232070/1
smart-me Pico charging station 22kW MID/Eichrecht incl. mounting plate	242070
smart-me Pico charging station 22kW MID/Eichrecht without mounting plate	242070/1
smart-me Pico preparation package mounting plate + dummy cover	212070-VP
smart-me dummy cover (replacement)	212070-C0



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