



Nidec AC Tower Easy charger - *Technical Datasheet*

Technical Data	Easy Charger
Nominal Voltage	400V AC $\pm 10\%$
Rated Current	63 A
Rated Frequency	50 Hz
Max. Charging Capacity	2x 22 kW
Power supply cable	mind. 16 mm ²
Connection, Finger safe Push-In terminals	L1/L2/L3/N/PE 2x 25 mm ² and 2x 16 mm ² per conductor
Electrical Upstream protection device (Compliance with the standard VDE 0100; IEC 60364-7-722)	80 A
Internet-/network interface	Ethernet/LAN WLAN (can be ordered optionally)
Communication with external devices, e.g. SmartHome	Modbus TCP, EEBus, OCPP1.6
Charging mode	Mode 3 – accordingly to DIN EN 61851-1
Charging socket	2x Typ 2 – accordingly to IEC 62196-2
Communication between car and charging station	According to ISO 15118 and IEC 61851-1 Annex A
Residual current protection	2x RCD Typ A, 30mA (inside charging station)
DC-residual current detection	Electronic, $I_{\Delta n \text{ d.c}} \geq 6\text{mA}$ per charging point
Fuse	C 32A, 3-pole circuit breaker per charging point
Load switch	Contact, 4-pole per charging point
Emergency unlocking function (grid loss)	Yes
Contact Welding monitoring	Yes
Temperature monitoring	Yes (Derating of the charging current)
Energy meter	MID certified energy meter per charging point
Authorization	RFID 2x Key Fob per charging point (optionally more available)
Payment Terminal	Optional
Dynamic Loadmanagement (DLM)	Yes
Status indicator	Display and Optical status per LED
Type of assembly	Fixed free-standing Pedestal housing
Material	Stainless steel
Degree of protection	IP54
Ambient storage temp°C	-30 ... +60°C



Ambient Operation temp°C	-25 ... +40°C
Relative humidity	5 to 95%, non Condensation
Protection class	I
Overvoltage category	III
Degree of pollution	3
Shock resistance	IK10
Max. installation altitude	≤ 2.000 m above sea level
Dimensions (HxWxD)	1400 x 350 x 250 mm
Weight	43 kg
Colour	According to customer requirements