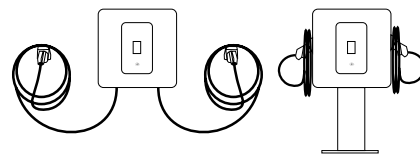


NBw30

V.01

Extended full power voltage range
Smart fleet management
Wall or pedestal mounting
Compact and pleasant design





REFERENCE		NBw300H	NBw300U
DC OUTPUT	Maximum power [kW]	30	
	Voltage range [V]	150 – 1000 ^[1]	
	Available connectors ^[2]	CCS-1, CCS-2, CHAdeMO	
	Maximum simultaneous charging points	1	
	Maximum continuous current CCS [A]	80	
	Peak current CCS [A] ^[6]	100	
	Maximum current CHAdeMO [A]	100	
AC INPUT FOR DC OUTPUT	Power [kVA]	31.9	
	Voltage [V]	400 IEC / 480 UL (3ph + N + PE) ± 10%	
	Power factor	> 0.99	
	Frequency [Hz]	50 (IEC) / 60 (IEC & UL)	
	Efficiency	95%	
GENERAL	Interface	10" Touchscreen E-stop pushbutton	
	RFID reader	ISO14443 A/B, MIFARE, Calypso, ISO18092, ISO15693 and more	
	Protections	Insulation monitor	
		Overcurrent / shortcircuit (Circuit breaker)	
		Overvoltage (Type 2) (optional)	
	Others	RCD Type A	
		Smart Fleet Management (optional)	
		Cable length [m/ft]	
	Door / enclosure / pedestal ^[3] / glass color	Standard: 5 / 16.4. Optionally: 7.6 / 25 ^[5] White (RAL 9016) / Grey (RAL 7016) / Grey (RAL 7016) / Black	
	Customization ^[4]	Enclosure / pedestal / glass / logo / display	
	Degree of protection	NEMA 3R IP54 IK10 (IK08 for ventilation grilles)	
	Operating temperature range [°C/°F]	-30 to 50 / -22 to 122	
	Relative humidity	From 4% to 95%	
	Maximum altitude above sea [m/ft]	Without derating: 2000 / 6561. Max: 3000 / 9842	
	Communications	Ethernet (10/100) + Wi-Fi	
		Cellular data: 4G, 3G, GSM	
	Charge protocols	ISO 15118, CHAdeMO 1.1, IEC 61851 and DIN 70121	
	Communication protocols	OCPP 1.6J, Modbus TCP and API Rest	
	Dimensions (WxDxH) [mm/ft]	700 x 318 x 680 (1430 with pedestal) / 2.3 x 1 x 2.2 (4.7 with pedestal)	
	Regulation	IEC 61851-1, IEC 61851-23, IEC 61851-24, IEC 61851-21-2 UL 2202, NEC 625, FCC Part 15 Class A	

NOTES

- [1] 150 – 500 Vdc for CHAdeMO. Maximum power from 300 Vdc.
 [2] Available configurations: CCS-1, CCS-2, CCS-1 + CHAdeMO, CCS-2 + CHAdeMO. CCS + CHAdeMO non simultaneous.
 [3] Assembly on pedestal is an option.
 [4] Consult with Power Electronics for further information.
 [5] Consult with Power Electronics for availability.
 [6] Consult with Power Electronics for more information about the connector overload capability.