

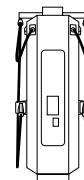
NB 400

Up to 97% efficiency from SiC topology.
Full frontal access to simplify site design.
Reduced standby consumption.
Dynamic power group allocation.
Controllable Power Factor.
CTEP-NTEP & Eichrecht compliance.



Updated Hardware - Coming Soon

Standalone NB 400



REFERENCE		NB320CH NB320CU	NB400CH NB400CU
DC OUTPUT	Maximum power [kW]	320	400
	Voltage range [V]	150 – 1000	
	Available connectors	IEC: CCS-2 / UL: CCS-1, NACS	
	Maximum continuous current [A] ^[1]	375 A (Uncooled version) 600 A (Cooled version)	
	Boost current (Uncooled version) [A]	500	
	Maximum number of EVs charging simultaneously	2	
AC INPUT	Maximum power [kVA]	338	422.5
	Voltage [V]	400 IEC / 480 UL (3ph + PE) ±10%	
	Power factor	> 0.99 Controllable Power Factor	
	Frequency [Hz]	50 (IEC) / 60 (IEC & UL)	
	Efficiency	Up to 97%	
GENERAL	Interface	10" Touchscreen	
		E-Stop button (optional)	
		Payment terminal (optional)	
		Status indicator light (Holsters and Doors)	
		Courtesy light	
		External light beacon compatible	
	RFID reader	Parking spot detection compatible	
		ISO14443 A/B, MIFARE, Calypso, ISO18092, ISO15693	
	Protections	Insulation Monitoring Device	
		Overvoltage: Surge Arrester Type 2	
		Overcurrent / short circuit	
		Main AC MCCB (65 kA SC Rating) (optional)	
		Crash tilt sensor (optional)	
	Energy meter	Internal DC energy measurement	
		DC meter (optional)	
		MID-Eichrecht (IEC) / CTEP-NTEP (UL) compliant	
	Cable length [m/ft]	5 / 16.4 ; 7.6 / 24.9 with different cable management systems. ^[1] Optionally: 6.1 / 20 ^[2]	
	Enclosure / Foot / Glass color	White (RAL 9016) / Grey (RAL 7016) / Black	
	Customization ^[2]	Enclosure (Color/Vinyl) / Logo	
	Protection ratings	NEMA 3R IK10	
	Operation temperature range [°C/°F]	Standard: -25 to 50 / -13 to 122 Optional: -30 to 50 / -22 to 122 Derating above 40 °C	
	Relative humidity	From 4% to 95% non-condensing	
	Maximum altitude above sea level [m/ft]	2000 / 6561 without derating (Max: 3000 / 9842)	
	Communications	Ethernet (10/100)	
		Cellular data: 4G, 3G, GSM	
	Charging protocols	ISO 15118, DIN 70121	
	Communication protocols	OCPP 1.6J, OCPP 2.0.1 ^[1] , REST API ^[2]	
	Dimensions (WxDxH) [mm/ft]	710 x 950 x 2250 / 2.32 x 3.12 x 7.38	
	Weight (kg/lb)	780 / 1720	
	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] Consult availability with Power Electronics.
[2] Consult with Power Electronics for further information.