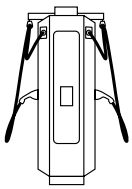
NB 240

Simultaneous DC charging.
New Built-in cable management option.
Additional dispenser option.
CTEP-NTEP and Energy Star certified.
Eichrecht compliance.



Standalone NB 240



REFERENCE		NB180AH NB180AU	NB210AH NB210AU	NB240AH NB240AU
DC OUTPUT	Maximum power [kW]	180	210	240
	Voltage range [V] [1]	150 – 1000		
	Available connectors	CCS-1, CCS-2, CHAdeMO, NACS		
	Boost current [A] [2]	500		
	Maximum continuous current [A]	Current limited by the selected connector rating [Table 1]		
	Maximum number of EVs charging simultaneously	2		
DC OUTPUT FOR ADDITIONAL SATELLITE DISPENSER (OPTIONAL)	Voltage range [V] [1]	150 – 1000		
	Available connectors	CCS-1, CCS-2, CHAdeMO, NACS		
	Maximum continuous current [A]	250 (Slim), 375 (Slim), 500 (Cooled)		
	Number of additional EVs charging simultaneously	2 (Slim)	2 (Slim) / 1 (Cooled)	2 (Slim) / 1 (Cooled)
AC INPUT	Maximum Power [kVA]	192	224	256
	Voltage [V]	400 IEC / 480 UL (3ph + PE) ±10%		
	Power factor	>0.99		
	Frequency [Hz]	50 (IEC) / 60 (IEC & UL)		
	Efficiency	95%		
GENERAL	Interface	10" Touchscreen		
		E-Stop button (optional)		
		Payment terminal (optional)		
	RFID reader	ISO14443 A/B, MIFARE, Calypso, ISO18092, ISO15693 and more		
	Protections	Insulation Monitoring Device		
		Overcurrent / short circuit (Circuit Breakers)		
		Overvoltage: Surge Arrester Type 2 (optional)		
	Energy measurement	Internal DC energy measurement		
		DC meter (optional) Eichrecht (IEC) / CTEP-NTEP (UL) compliant		
	Cable length [m/ft]	5 / 16.4; 7.6 / 24.9 with different cable management systems. [4] Optionally: 6.1 / 20 [3]		
	Enclosure / Foot / Glass color	White (RAL 9016) / Grey (RAL 7016) / Black		
	Customization [3]	Enclosure (Color/Vinyl) / Logo		
	Protection ratings	NEMA 3R | IP54 | IK10 (IK08 for ventilation grilles)		
	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, CHAdeMO 1.1 and DIN 70121		
	Communication protocols	OCPP 1.6J, OCPP 2.0.1 [3], REST API [4]		
	Dimensions (WxDxH) [mm/ft]	670 x 950 x 2000 / 2.19 x 3.12 x 6.56		
	Weight [kg/lb]	580 / 1279		
	Regulation	IEC 61851-1, IEC 61851-23, IEC 61851-24, IEC 61851-21-2 UL 2202, UL 2231-1, UL 2231-2, CSA C22.2 No. 346.22, NEC 625, FCC Parte 15 Clase A		

NOTES

[1] 150 - 500 Vdc for CHAdeMO.
[2] Consult with Power Electronics for more information about the connector overload capability.
[3] Consult availability with Power Electronics.
[4] Consult with Power Electronics for further information.

[Table 1] Select connector current rating in the table below:

CCS1	-	250 A	375 A
CCS2	-	250 A	375 A
NACS	-	-	375 A
CHAdeMO	125 A	-	-

POWER ELECTRONICS