

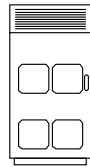
NBi 180

Power scalability
Small footprint
Dynamic power group allocation



Updated Hardware – Coming Soon

NBi 180



REFERENCE	NBi060AH NBi060AU	NBi090AH NBi090AU	NBi120AH NBi120AU	NBi150AH NBi150AU	NBi180AH NBi180AU	
DC OUTPUT	Maximum power [kW]	60	90	120	150	180
	Voltage range [V] ^[1]	150 – 1000				
	Maximum simultaneous charging points	1	2	2	3	3 (IEC/UL) / 6 (UL) ^{[2] [3]}
	Maximum sequential charging points	4				
AC INPUT	Maximum power [kVA]	64	96	128	160	192
	Voltage [V]	Option 1: 400 IEC / 480 UL (3ph + PE) ± 10% Option 2: 400 IEC / 480 UL (3ph + N + PE) ± 10%				
	Power factor	> 0.99				
	Frequency [Hz]	50 (IEC) / 60 (IEC & UL)				
	Efficiency	95%				
	Protections	Overvoltage: Surge Arrester Type 2 (optional) Overcurrent / shortcircuit (Circuit Breakers)				
Others	Smart Fleet Management (optional)					
	Smart Power Balance (optional)					
Enclosure / Foot color	White (RAL 9016) / Grey (RAL 7016)					
Customization ^[3]	Enclosure (Color/Vinyl)					
Protection ratings	NEMA 3R IP54 IK10 (IK08 for ventilation grilles)					
GENERAL	Operation temperature range [°C/°F]	Standard: -25 to 50 / -13 to 122 Optional: -30 to 50 / -22 to 122				
	Relative humidity	From 4% to 95%				
	Maximum altitude above sea level [m/ft]	2000 / 6561 without derating (Max: 3000 / 9842)				
	Communications	Ethernet (10/100)				
Cellular data: 4G, 3G, GSM						
Dimensions (WxDxH) [mm/ft]	1000 x 800 x 2000 / 3.28 x 2.63 x 6.56					
Weight [kg/lb]	500/1102					
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.

[2] This option implies fixed outputs of 30 kW

[3] Consult Power Electronics for more information.