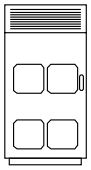
NBi 180

Power scalability.
Small footprint.
Dynamic power group allocation.



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]	150 – 1000				
	Maximum simultaneous charging points	1	2	2	3	3 (IEC/UL)
	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%				
GENERAL	Protections	Overvoltage: Surge Arrester Type 2 (optional)				
		Overcurrent / short circuit (Circuit Breakers)				
	Others	Smart Fleet Management (optional) [1]				
		Smart Power Balance (optional)				
	Enclosure / Foot color	White (RAL 9016) / Grey (RAL 7016)				
	Customization	Enclosure (Color/Vinyl)				
	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				
	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, CSA C22.2 No. 346.22, NEC 625, FCC Part 15 Class A				

NOTES

[1] Optional to be selected when an AC input power limitation to the cabinet may be applied.

POWER ELECTRONICS