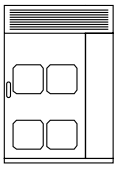
NBi 360

Power scalability.
Dynamic power group allocation.
New symetrical enclosure option.



NBi 360



REFERENCE			NBi180RAH NBi180RAU NBi180LAH NBi180LAU	NBi240RAH NBi240RAU NBi240LAH NBi240LAU	NBi360RAH NBi360RAU NBi360LAH NBi360LAU
DC OUTPUT	Maximum power [kW]		180	240	360
	Voltage range [V]		150 – 1000		
	Number of power modules		6	8	12
	Charging output power (Dispenser/Pantograph) [kW] [1]	Combiner 1		4x60 / 2x120	6x60 / 3x120
		Combiner 2	1x180 / 2x90		1×360 / 2x180 / 4x90
AC INPUT	Maximum power [kVA]		193	256	384
	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		Overtemperature		
			Overvoltage: Surge Arrester Type 2		
			Overcurrent / short circuit (Circuit Breakers) (optional)		
	Others		Smart Fleet Management (optional) [2]		
			Smart Power Balance (optional)		
			E-Stop Button ready [3]		
	Enclosure / Foot color		Grey (RAL 7035) / Grey (RAL 7016)		
	Customization [4]		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%		
	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]		1550 x 1010 x 2300 / 5.08 x 3.31 x 7.55		
	Weight [kg/lb]		1200/2640		
	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] The final delivered power depends on the combiner model selected.
[2] Optional to be selected when an AC input power limitation to the cabinet may be applied.
[3] Contacts for E-Stop Button only available when MCB optional is installed.
[4] Consult Power Electronics for more information.

POWER ELECTRONICS