

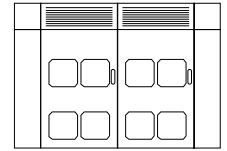
NBSK 1920

The future of DC Ultra-Fast Charging.
MCS / CCS outputs compatible.
Scalable power for maximum flexibility.
Turnkey solution.
Up to 97% efficiency from SiC topology.
Controllable Power Factor.



Under Development – Coming Soon

NBSK 1920



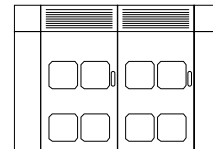
NB STATION LOW VOLTAGE INPUT - OPTION 1

REFERENCE	NBSK0960CH NBSK0960CU	NBSK1440CH NBSK1440CU	NBSK1920CH NBSK1920CU	
DC OUTPUT	Maximum power [kW]	960	1440	1920
	Number of DC outputs	12	18	24
	Output power [kW]	80 / 160 / 240 / 320 / 400 / 480	80 / 160 / 240 / 320 / 400 / 480	80 / 160 / 240 / 320 / 400 / 480
	Voltage range [V]	150 - 1000		
AC INPUT	Maximum power [kVA]	1030	1542	2055
	Voltage for LV connection [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%			
Protections	Overvoltage: Surge Arrester Type 2			
	Overcurrent / shortcircuit (Circuit Breakers) 65 kA short circuit rating			
	Overtemperature			
Others	Smart Fleet Management (optional)			
	Smart Power Balance			
GENERAL	E-stop button included and external E-stop ready			
	Enclosure color	Grey (RAL 7035)		
	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 Possible 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]	3000 x 2020 x 2300 / 9.84 x 6.63 x 7.55		
	Aprox. Weight [kg/lb]	4260 / 9392		
	Regulation	IEC 61851-1, IEC 61851-23, IEC 61851-23-3 ^[1] , IEC 61851-24, IEC 61851-21-2 UL 2202, NEC 625, FCC Part 15 Class A		

NOTES

[1] Consult with Power Electronics for further information.

NBSK 1920



NB STATION LOW VOLTAGE INPUT - OPTION 2

REFERENCE	NBSK1440CH NBSK1440CU	NBSK1920CH NBSK1920CU	
DC OUTPUT MCS	Maximum power [kW]	1440	1920
	Number of DC outputs	4 ^[1]	4 ^[1]
	Output power [kW]	360 / 720 / 1080 / 1440	480 / 960 / 1440 / 1920 ^[2]
	CCS/NACS Output power [kW]	360	480
	Voltage range [V]	150 - 1000	
AC INPUT	Maximum power [kVA]	1542	2055
	Voltage for LV connection [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	Protections	Overvoltage: Surge Arrester Type 2 Overcurrent / shortcircuit (Circuit Breakers) 65 kA short circuit rating Overtemperature	
	Others	Smart Fleet Management (optional) Smart Power Balance E-stop button included and external E-stop ready	
	Enclosure color	Grey (RAL 7035)	
	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 Possible 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]	3000 x 2020 x 2300 / 9.84 x 6.63 x 7.55	
Aprox. Weight [kg/lb]	4260 / 9392		
Regulation	IEC 61851-1, IEC 61851-23, IEC 61851-23-3 ^[2] , IEC 61851-24, IEC 61851-21-2 UL 2202, NEC 625, FCC Part 15 Class A		

NOTES

- [1] Rated output current: 1500 A per output. Up to 2 simultaneous 1500 A/ Up to 4 simultaneous outputs / Up to 8 sequential outputs.
 [2] Consult with Power Electronics for further information.