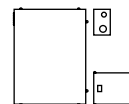


NBP Bottom-Up

IEC/UL





REFERENCE		NBPBUC (Control Box)	NBPBUP (Power Box)
DC OUTPUT	Max continuous current [A]	500	
	Boost current [A] ^[1]	600	
	Voltage Range [V]	150 – 1000	
	Pantograph compatible models ^[2]	Schunk SLS 102, Schunk SLS 103 and many others	
GENERAL	Interface Box	RGB LED indicator	
		E-Stop button	
		Charge stop button ready ^[3]	
	Protection rating	NEMA 3R IP54 IK10 (IK08 ventilation grid)	
	Enclosure	Grey (RAL 7035)	
	Operating Temperature Range [°C/°F]	-25 to 50 / -13 to 122 Derating above 40 °C	
	Relative Humidity	4% to 95% non-condensing	
	Max. Altitude above sea level	Without derating: 2000 m / 6561 ft. Max: 3000 m / 9842 ft	
	Communications	Ethernet (10/100) / Optional F.O.	
	Charge Protocols	ISO 15118, DIN 70121	
	Communication Protocols	OCPP 1.6J, REST API ^[2]	
	Control Box Dimensions (WxDxH) [mm/in]	380 x 210 x 300 / 15 x 8.3 x 11.8	
	Control Box Weight (kg)	10	
	Power Box Dimensions (WxDxH) [mm/in]	600 x 300 x 700 / 23.6 x 11.8 x 27.6	
	Power Box Weight (kg)	50	
	Interface Box Dimensions (WxDxH) [mm/in]	85 x 64 x 154 / 3.35 x 2.52 x 6.06	
	Interface Box Weight (kg)	0.7	
	Max. Installation Distances		
	Control Box & Pantograph Dome	10 m / 33 ft	
	Control Box & Power Box	100 m / 328 ft	
	Power Box & Power Cabinet/Station	100 m / 328 ft (optional: with F.O. 150 m / 492 ft)	
	Interface Box & Power Box	100 m / 328 ft	
	Regulations	IEC 61851-1, IEC 61851-23, IEC 61851-24, IEC 61851-21-2 UL 2202, NEC 625, FCC Part 15 Class A	

NOTES

[1] Limited by pantograph.

[2] Consult with Power Electronics for further information.

[3] Contacts available for customer particular solution in the Control Box.