

Technical data (IEC)



Connection options

Contact hood

Inverted Pantograph

			MastPanto	Panto Kit
DC output				
Rated power	kW	600	600	150/300
Voltage (range)	V		100 ... 1,000	
Current (max.)	A	800	800	250/400
Environmental conditions				
Operating temperature	°C	-25 ... +45		
Operating altitude	m	≤ 2,000 above sea level (without derating)		
Relative humidity	%	5 ... 95 (non-condensing)		
Mechanical specifications				
Enclosure protection		IP54, IK10, outdoor		
Housing material		Hot-dip galvanized steel	Powder-coated galvanized steel, painted	Powder-coated mild steel, painted
Color		RAL 9006 – White aluminum		
Height, installed	mm	5,765	6,573	4,175 to 5,675
Road clearance	mm	1,250 to 1,550 height of the electric vehicle incl. insulators	4,550 to 4,650	3,700 to 5,200
Cantilever length	mm	3,510	4,200 or 5,200 (optional)	n.a. ¹⁾
Approx. distance mast to curb	mm	1,900	1,400	n.a. ¹⁾
Footprint on sidewalk	mm	350 x 300	1,300 x 315	n.a. ¹⁾
Pantograph operating range	mm	n.a.	900	875
Approx. weight acc. to configuration	kg	900	1,870	175
General specifications				
User authentication and payment		n.a.	RFID (optional)	
Network connection			Ethernet	
Local user interface and LED		n.a.	Status LED	10" touchscreen HMI and/or status LED (optional)
Norms and standards				
Connection standards		CCS	OPPCharge	
Communication protocol		PLC	WiFi IEEE 802.11ac (ISO 15118 using WiFi)	
CE certification			Yes	

1) When mounting on a mast solution, the values of the MastPanto must be considered.