



LCP-SK600

Charger Station

Specifications

General Information

Combination		2	1
Mechanical Size (W*D*H)	Without LED Banner	700mm*550mm*2,050mm	1750mm*1000mm*2,150mm (5741.47 x 3280.84 x 7053.806ft)
	With LED Banner (LED Banner:Optional)	700mm*550mm*2,310mm (2296.59 x 1804.46 x 7578.74ft)	
Weight	Without LED Banner	320kg	1,200kg
	With LED Banner (LED Banner:Optional)	330kg	
Input	Voltage	AC277V±10% / 1P+N	AC480V±10% / 3P(R,S,T)+N 722A
	Frequency	50/60 Hz	
	Power Factor	>0.95(Typ)	
	Max. Current	500A	
Output	Voltage Range	200-1000Vdc	600kW
	Current Range	Max. 500A (Dual CCS1 with chiller)	
	Max. Power	400kW	
Cable	Type	Dual CCS1 (with chiller)	
	Length(m)	5.28m	
Efficiency		>95% @Max. Load	
Power Sharing	Charging Scenario	Active Power sharing Power sharing between cables Power sharing between Dispensers (4 cables simultaneous charge)	
	Increments	50KW increments	
Power Module	Max Power (kW)		25kW
	Input (Vac)		AC 380-480V (±10%)
	Output (Vdc)		DC 150-1000V
	PFC (%)		PFC ≥ 0.99 at ±10% Voltage at >50%load
Metering Accuracy	Less than 1%		
Network Connection	4G, LTE Modem		
Communication Protocol	OCPP 1.6J (Core : Supported) / (OCPP 2.0.1 minimum : Upon request)		



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User Interface	LCD Display	32FHD (1920x1080) Touch Screen	
	User Authentication	RFID (ISO/IEC14443 A/B, ISO15693)	
	Payment	Nayax VPOS : IC Reader, NFC (Mifare) Payter p68 : nfc (Mifare)	
	Cable Management	√	
	Emergency Button	√	
	Operation Button	√ (3 Buttons)	
Environmental	Operating Tem.(°C)	-35°C to +57°C (with derating) (-31°F to +134.6°F)	
	Storage Temp.(°C)	-40°C to 70°C (-40°F to +158°F)	
	Humidity(%)	5 TO 95% R.H. without Condensing	
	Altitude(m)	2,000m (6561ft)	
	Noise Level	< 60dB	
Enclosure Design	IP Level	Outdoor, NEMA 3R	
	IK Level	IK10 (Touch screen, IK08)	
	Filter Rating	G2 Filter	
	Air Flow Design	Ventilation by fan control	
Lightings	Front Door Light only (Full RGB LEDs)		
	LED Banner for front & rear sides		
Protective Function	<ul style="list-style-type: none"> • Over Voltage Protection • Over Current Protection • RCD Type A + DC 6mA • Proximity loss Protection • Over Temperature Protection • FG Disconnection Detect Protection • SPD (Surge Protection) • MD (Insulation monitor device) 		<ul style="list-style-type: none"> • Over Voltage Protection • Over Current Protection • RCD Type A • Proximity loss Protection • Over Temperature Protection • FG Disconnection Detect Protection • SPD (Surge Protection) • MD (Insulation monitor device)
	Regulation	Certificate Mark	<ul style="list-style-type: none"> • NRTL (UL)
Safety		<ul style="list-style-type: none"> • UL2202, UL2231-1, UL2231-2, UL991, UL1998, CSA 	
EMC		<ul style="list-style-type: none"> • FCC Part 15 	
Metering Charging Interface Protocol		<ul style="list-style-type: none"> • CTEP (NTEP) • DIN70121, ISO15118-2 (PnC) 	