



Spec of Business EVSE w/LCD



IP54 & IK10



7" touch Screen



Wall-Mounted or Pedestal



CCS2



Power sharing



ISO15118-2



OCPP1.6 J / 2.0.1 Upgradeable



Appearance customizable



WiFi or 3G / 4G Optional

Model Name		L3S-DC20KW	L3S-DC30KW	L3S-DC40KW
Power Input	Phases /Lines	3 Phase+N+PE		
	Voltage	3P 400Vac(±10%)		
	Frequency	45-65Hz		
Power Output	Charging Outlet	CCS2		
	Voltage(DC)	200~1000V		
	Current(Max)	100A	125A	200A
	Power(Max)	20kW	30kW	40kW
Main Parameter	Cable Length	Standard: 5m; Option: 6~10m		
	Dimension(W×D×H)	410mm × 210mm × 620mm		
	Weight	38kg		
	LED Indicator	Yes		
	HMI	7" Touch Screen		
	Payment Mode	Standard: RFID Card (IC Card); Option: POS machine (debit / credit card, IC card)		
	Efficiency	> 95%		
	Power Factor	> 0.98(50%~100% load)		
	Harmonics	ITHD < 5%		
	MCCB	Overload, short circuit, undervoltage protection and residual current protection		
	Emergency Button	Yes		
Communication	Charger v.s. EV	PLC(DIN 70121: 2012/ISO15118-2: 2013)		
	Communication Protocol	OCPP1.6 J / OCPP2.0.1		
	Network Interface	Wifi / 3G-4G(SIM card) / Ethernet		
	Interface	CAN Bus / RS485		
Environmental Index	Operation Temperature	-30°C~+60°C, will derating from 50°C or above		
	Working Humidity	5%~95% without condensation		
	Working Altitude	< 2000m, No Derating		
	Protection Grade	IP54 / IK10(except LCD Screen)		
	Application Scene	Indoor / outdoor		
	Cooling Method	Independing Fan Cooling		
Safety Protection	Noise	< 55dB		
	Multiple Protection	Over/under voltage protection, overload protection, short circuit protection, over temperature protection, grounding protection, surge protection		
Certification	CE is in processing	IEC62196, IEC61851, EU:EN55011, EN55022 and IEC61000-4		

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	WiFi or 3G / 4G Optional

Model Name		L3S-DC20KW	L3S-DC30KW	L3S-DC40KW
Power Input	Phases /Lines	3 Phase+PE		
	Voltage	3P 208 / 480Vac(±10%)		
	Frequency	45-65Hz		
Power Output	Charging Outlet	CCS1 / NACS		
	Voltage(DC)	200~1000V		
	Current(Max)	100A	100A	125A
	Power(Max)	18.8kW/20kW	30kW	40kW
Main Parameter	Cable Length	Standard: 18ft; Option: 19.69~32.81ft		
	Dimension(W×D×H)	410mm × 210mm × 620mm(16.14" × 8.27" × 24.4")		
	Weight	165.76lbs		
	LED Indicator	Yes		
	HMI	7" Touch Screen		
	Payment Mode	Standard: RFID Card (IC Card); Option: POS machine (debit / credit card, IC card)		
	Efficiency	> 95%		
	Power Factor	> 0.98(50%~100% load)		
	Harmonics	iTHD < 5%		
	MCCB	Overload, short circuit, undervoltage protection and residual current protection		
Communication	Emergency Button	Yes		
	Charger v.s. EV	PLC(DIN 70121: 2012/ISO15118-2: 2013)		
	Communication Protocol	OCPP1.6 J / OCPP2.0.1		
	Network Interface	Wifi / 3G-4G(SIM card) / Ethernet		
Environmental Index	Interface	CAN Bus / RS485		
	Operation Temperature	-22°F~140°F, will derating from 140°F or above		
	Working Humidity	5%~95% without condensation		
	Working Altitude	< 6561.68ft, No Derating		
	Protection Grade	IP54 / IK10(except LCD Screen)		
	Application Scene	Indoor / outdoor		
	Cooling Method	Independing Fan Cooling		
Safety Protection	Noise	< 55dB		
	Multiple Protection	Over/under voltage protection, overload protection, short circuit protection, over temperature protection, grounding protection, surge protection		
Certification	ETL is in processing	Conform to UL 2594, UL2231-1/-2		