LOTUS IPC04 160 / 120/ 80 / 60

Economics, Efficient, Dynamics, Intelligent

MODEL

DC Cutput Power Rating	160kW	120kW	80kW	60kW
Product Code	BIPC04-C-1000/160-C02	BIPC04-C-1000/120-C02	BIPC04-C-1000/80-C01	BIPC04-1000/60-C01
Power Module	40kW*4	30kW*4	40kW*3	30kW*2
Charging Type	DC Fast Charging			
Outlet Options	2*CCS2 Cable			
Input Voltage Range	400 VAC or 380 VAC +/- 10%			
Input Frequency	50Hz or 60Hz			
Maximum Current (CCS Cable)	250A, Max 300A		200A	
Cable Length	5.0m			
Electro-Magnetic Compatibility	Class A			
Distribution Systems	TN-S, TN-C (UK), TN-CS, TT			
Connector Type	3P + N + PE			
Protection	Overload, Overvoltage, Undervoltage, Overcurrent, Short Circuit, Over Temperature, Ground Fault, Integrated Surge Protection, IMD, Polarity Reverse Protection, Emergency Protection, Door Opening Protection, Water Immersion Protection, etc.			
Power Factor (> half load)	≥0.99			
THDi	≤5%			
Efficiency	96% (Peak)			
Standby Power	≤40W			
Energy Metering	MID or Without MID			
Connectivity	Dual SIM; 3G/4G/Ethernet (RJ45)			
User Authentication	AutoCharge, APP, RFID Card, QR Code, Ready for Plug & Charge, Credit Card (Optional)			
User Interface	7-Inch High-Contrast Touch Screen			
Communication Protocols	OCPP1.6J (Ready for 2.0.1 or 2.1)			
RFID Reader	ISOMEC 14443 A Mifare RFID Reader			
Emergency Button	Yes			
Language System	English, Chinese			
Protection Rating	IP54 and IK10 (Cabinet) / IK08 (Touchscreen)			
Housing Material	Galvanized Sheet			
Operating Altitude	H ≤2000m			
Operating Temperature	R-30 to 50°C, Up to 50 to 70°C Derated Operation			
Storage Temperature	0 – 40°C to 80°C			
Humidity	5%RH – 95%RH, Non-Condensing			
Mounting	Pedestal Stand			
Dimension (DxWxH) mm	972 x 475 x 2000			
Noise	< = 60dB			
EU Directive	2014/32/EU (MID), 2014/35/EU (LVD), 2014/30/EU (EMC), 2014/53/EU (RED), 2015/863/EU (ROHS)			
Communication to the EV	DIN 70121, ISO 15118-2, AutoCharge, Ready for Plug & Charge			
Electrical Safety	IEC 61851-1, IEC 61851-23, IEC 62311, IEC 61851-24			
RED	ETSI EN 301 908-13 V13.2.1:2022, EN 301 908-2 V13.1.1:2020, EN 300 330 V2.1.1:2017, ETSI EN 301 489-3 V2.1.2:2021, EN 301 489-52 V1.1.2:2022, EN 50364:2018, EN IEC 62311:2020			
EMC	IEC 61851-21-2 (Industrial Environments), ETSI EN 301 489-1			

