

	ECI50M8 / ECI50P	ECID50M8 / ECID50P	ECI100M8 / ECI100P
<b>INPUT DATA</b>			
AC voltage	400 V AC 3Ph + N + PE	400 V AC 3Ph + N +PE	400 V AC 3Ph + N +PE
Max AC power	50 kVA	102 kVA	102 kVA
Max input current	82 A	163 A	163 A
Frequency	50/60 Hz	50/60 Hz	50/60 Hz
Galvanic isolation	Yes	Yes	Yes
<b>OUTPUT DATA</b>			
Output power (P <sub>nom</sub> )	50kW	2*50kW	100 kW
Output voltage range (V <sub>nom</sub> )	480-800 V DC	480-800 V DC	480-800 V DC
Maximum current	105 A	105 A	200 A
Control structure	Control logic and DSP, SVM technology	Control logic and DSP, SVM technology	Control logic and DSP, SVM technology
Soft start	Yes	Yes	Yes
<b>PROTECTIONS</b>			
Over-voltage	Inputs and output	Inputs and output	Inputs and output
Over-current	Inputs and output	Inputs and output	Inputs and output
Reverse polarisation	Yes	Yes	Yes
Insulation leak detection system	Yes	Yes	Yes
Overheating	Yes (including power regulation)	Yes (including power regulation)	Yes (including power regulation)
Max/min frequency	Yes	Yes	Yes
Max/min voltage	Yes	Yes	Yes
<b>GENERAL DATA</b>			
Connection to Electric Vehicle	CCS: 8m long or <i>Pantograph</i>	CCS: 8m long or <i>Pantograph</i>	CCS: 8m long or <i>Pantograph</i>
Control structure	Control logic and DSP, SVM technology	Control logic and DSP, SVM technology	Control logic and DSP, SVM technology
Soft start	Yes	Yes	Yes
Communications	Ethernet communications port (optional upon request)	Ethernet communications port (optional upon request)	Ethernet communications port (optional upon request)
Open Charge Point Protocol (OCPP)	Option	Option	Option
Standards	CE MARKING, IEC 61851, DIN 70121, ISO 15118	CE MARKING, IEC 61851, DIN 70121, ISO 15118	CE MARKING, IEC 61851, DIN 70121, ISO 15118
Operating temperature	- 20 °C to + 50 °C @ nominal power	- 20 °C to + 50 °C @ nominal power	- 20 °C to + 50 °C @ nominal power
Relative humidity	10%-95% without condensation	10%-95% without condensation	10%-95% without condensation
Dimensions (h x w x d)	1954 x 400 x 400	1800 x 800 x 800	1800 x 800 x 800
Colour	White & green JEMA Corp.	White & green JEMA Corp.	White & green JEMA Corp.
Weight	450 kg	950 kg	950 kg
Ingress Protection (IP)	IP54	IP54	IP54
Mechanical Protection (IK)	IK10	IK10	IK10
Ventilation/air outlet flow	Forced	Forced	Forced
Consumption at full power	540 VA	480 VA	480 VA
Consumption when decoupled (heating activated)	<840 W	<850 W	<850 W
Consumption when disconnected (night)	<100 W	<100 W	<100 W

	ECI150M8 / ECI150P	ECI200P
<b>INPUT DATA</b>		
AC voltage	400 V AC 3Ph + N + PE	400 V AC 3Ph + N +PE
Max AC power	155 kVA	210 kVA
Max input current	228 A	305 A
Frequency	50/60 Hz	50/60 Hz
Galvanic isolation	Yes	Yes
<b>OUTPUT DATA</b>		
Output power (P <sub>nom</sub> )	150kW	200kW
Output voltage range (V <sub>nom</sub> )	480-800 V DC	480-800 V DC
Maximum current	200A (CCS) / 375 A	415 A
Control structure	Control logic and DSP, SVM technology	Control logic and DSP, SVM technology
Soft start	Yes	Yes
<b>PROTECTIONS</b>		
Over-voltage	Inputs and output	Inputs and output
Over-current	Inputs and output	Inputs and output
Reverse polarisation	Yes	Yes
Insulation leak detection system	Yes	Yes
Overheating	Yes (including power regulation)	Yes (including power regulation)
Max/min frequency	Yes	Yes
Max/min voltage	Yes	Yes
<b>GENERAL DATA</b>		
Connection to Electric Vehicle	CCS: 8m long or <i>Pantograph</i>	CCS: 8m long or <i>Pantograph</i>
Control structure	Control logic and DSP, SVM technology	Control logic and DSP, SVM technology
Soft start	Yes	Yes
Communications	Ethernet communications port (optional upon request)	Ethernet communications port (optional upon request)
Open Charge Point Protocol (OCPP)	Option	Option
Standards	CE MARKING, IEC 61851, DIN 70121, ISO 15118	CE MARKING, IEC 61851, DIN 70121, ISO 15118
Operating temperature	- 20 °C to + 50 °C @ nominal power	- 20 °C to + 50 °C @ nominal power
Relative humidity	10%-95% without condensation	10%-95% without condensation
Dimensions (h x w x d)	1954 x 1200 x 800	1954 x 1600 x 800
Colour	White & green JEMA Corp.	White & green JEMA Corp.
Weight	1400 kg	1800 kg
Ingress Protection (IP)	IP54	IP54
Mechanical Protection (IK)	IK10	IK10
Ventilation/air outlet flow	Forced	Forced
Consumption at full power	540 VA	480 VA
Consumption when decoupled (heating activated)	<840 W	<850 W
Consumption when disconnected (night)	<100 W	<100 W