
Guangzhou Xianhe Technology Engineering Co., Ltd.

3P-20K-D1-33A-EU01 AA

20kW@750V DC Faster Charger/ Mobile charging pile



Introduce

3P-20K-D1-33A-EU01 AA is a super faster EV charger with CAA charging connector manufactured by Guangzhou Xianhe Technology. IP44 protection, sturdy and durable for outdoor applications. It uses high frequency power module as the rectifier, special designed for high reliability application. It has Power Sharing Control function, and friendly user interface.

Input Parameter

Voltage	380/400 VAC, +/-10%
FLA /Max input Current	32A
Frequency	50/60Hz
Wiring	L1, L2, L3, N, PE
Power factor	>99%(Rated input)
Harmonic current/ iTHD	<5% (Rated input)

Output Parameter

Max Output Power	20 kW DC
Output Voltage	200 V--750VDC
Max Output Current	66A DC
Power Module Slots	1
Voltage stabilized accuracy	$< \pm 0.5\%$
Outlet Type	1*33A CAA
Load sharing	$\pm 3\%$

System Parameter

Efficiency	>94%
KAIC	6kA
Enclosure protection	IP44

Operation Environment

Ambient temperature	-20 ~ +50°C, full power output below 50°C Power derating 5% /°C above 50°C
Storage temperature	-40 ~ +75° C
Operating humidity	0 ~ 95% (No condensation)
Operational altitude	0 ~ 2000 m

Standard Compliance

Vehicle Communication	CAA: IEC 61851-23 and DIN70121
Plug-out detection	IEC 61851-23 (CAA)
Safety Compliance	Europe: IEC 62196, IEC 61851-1, CE
EMC	IEC61851-21-2 Class A

HMI Interface

Display	7" LCD/Touch Screen,
LED	RUN(G) /ALARM(R)
Power metering	1 *DC meter
Emergency stop	E-stop to shut down both AC input and DC output at same time

Monitoring Interface

Wide Area Network	4G LTE (o), wifi
Communication Protocols	OCPP 1.6

Protection Function

System protection	Overcurrent protection, Short circuit protection, Input/ Output Overvoltage protection, Input Undervoltage protection Insulation monitoring Two DC connector output common ground protection Reverse polarity protection, Over temperature protection,
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Mechanical Feature

Dimension (W*H*D mm)	600 (W) *600 (H) *350(D) (mm)
Charger Weight	38kg (without power module, without Packing)

Guangzhou Xianhe Technology Engineering Co., Ltd.

3P-20K-D1-33A-EU01 BB

20kW@750V DC Faster Charger/ Mobile charging pile



Introduce

3P-20K-D1-33A-EU01 BB is a super faster EV charger with CBB charging connector manufactured by Guangzhou Xianhe Technology. IP44 protection, sturdy and durable for outdoor applications. It uses high frequency power module as the rectifier, special designed for high reliability application. It has Power Sharing Control function, and friendly user interface.

Input Parameter

Voltage	380/400 VAC, +/-10%
FLA /Max input Current	32A
Frequency	50/60Hz
Wiring	L1, L2, L3, N, PE
Power factor	>99%(Rated input)
Harmonic current/ iTHD	<5% (Rated input)

Output Parameter

Max Output Power	20 kW DC
Output Voltage	200 V--750VDC
Max Output Current	66A DC
Power Module Slots	1
Voltage stabilized accuracy	<±0.5%
Outlet Type	1*33A CBB
Load sharing	±3%

System Parameter

Efficiency	>94%
KAIC	6kA
Enclosure protection	IP44

Operation Environment

Ambient temperature	-20 ~ +50°C, full power output below 50°C Power derating 5% /°C above 50°C
Storage temperature	-40 ~ +75° C
Operating humidity	0 ~ 95% (No condensation)
Operational altitude	0 ~ 2000 m

Standard Compliance

Vehicle Communication	CBB: IEC 61851-23 and DIN70121
Plug-out detection	IEC 61851-23 (CBB)
Safety Compliance	Europe: IEC 62196, IEC 61851-1, CE
EMC	IEC61851-21-2 Class A

HMI Interface

Display	7" LCD/Touch Screen,
LED	RUN(G) /ALARM(R)
Power metering	1 *DC meter
Emergency stop	E-stop to shut down both AC input and DC output at same time

Monitoring Interface

Wide Area Network	4G LTE (o), wifi
Communication Protocols	OCPP 1.6

Protection Function

System protection	Overcurrent protection, Short circuit protection, Input/ Output Overvoltage protection, Input Undervoltage protection Insulation monitoring Two DC connector output common ground protection Reverse polarity protection, Over temperature protection,
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Mechanical Feature

Dimension (W*H*D mm)	600 (W) *600 (H) *350(D) (mm)
Charger Weight	38kg (without power module, without Packing)

Guangzhou Xianhe Technology Engineering Co., Ltd.

3P-20K-D1-33A-EU01 EE

20kW@750V DC Faster Charger/ Mobile charging pile



Introduce

3P-20K-D1-33A-EU01 EE is a super faster EV charger with CEE charging connector manufactured by Guangzhou Xianhe Technology. IP44 protection, sturdy and durable for outdoor applications. It uses high frequency power module as the rectifier, special designed for high reliability application. It has Power Sharing Control function, and friendly user interface.

Input Parameter

Voltage	380/400 VAC, +/-10%
FLA /Max input Current	32A
Frequency	50/60Hz
Wiring	L1, L2, L3, N, PE
Power factor	>99%(Rated input)
Harmonic current/ iTHD	<5% (Rated input)

Output Parameter

Max Output Power	20 kW DC
Output Voltage	200 V--750VDC
Max Output Current	66A DC
Power Module Slots	1
Voltage stabilized accuracy	<±0.5%
Outlet Type	1*33A CEE
Load sharing	±3%

System Parameter

Efficiency	>94%
KAIC	6kA
Enclosure protection	IP44

Operation Environment

Ambient temperature	-20 ~ +50°C, full power output below 50°C Power derating 5% /°C above 50°C
Storage temperature	-40 ~ +75° C
Operating humidity	0 ~ 95% (No condensation)
Operational altitude	0 ~ 2000 m

Standard Compliance

Vehicle Communication	CEE: IEC 61851-23 and DIN70121
Plug-out detection	IEC 61851-23 (CEE)
Safety Compliance	Europe: IEC 62196, IEC 61851-1, CE
EMC	IEC61851-21-2 Class A

HMI Interface

Display	7" LCD/Touch Screen,
LED	RUN(G) /ALARM(R)
Power metering	1 *DC meter
Emergency stop	E-stop to shut down both AC input and DC output at same time

Monitoring Interface

Wide Area Network	4G LTE (o), wifi
Communication Protocols	OCPP 1.6

Protection Function

System protection	Overcurrent protection, Short circuit protection, Input/ Output Overvoltage protection, Input Undervoltage protection Insulation monitoring Two DC connector output common ground protection Reverse polarity protection, Over temperature protection,
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Mechanical Feature

Dimension (W*H*D mm)	600 (W) *600 (H) *350(D) (mm)
Charger Weight	38kg (without power module, without Packing)

Guangzhou Xianhe Technology Engineering Co., Ltd.

3P-20K-D1-33A-EU01 FF

20kW@750V DC Faster Charger/ Mobile charging pile



Introduce

3P-20K-D1-33A-EU01 FF is a super faster EV charger with CFF charging connector manufactured by Guangzhou Xianhe Technology. IP44 protection, sturdy and durable for outdoor applications. It uses high frequency power module as the rectifier, special designed for high reliability application. It has Power Sharing Control function, and friendly user interface.

Input Parameter

Voltage	380/400 VAC, +/-10%
FLA /Max input Current	32A
Frequency	50/60Hz
Wiring	L1, L2, L3, N, PE
Power factor	>99%(Rated input)
Harmonic current/ iTHD	<5% (Rated input)

Output Parameter

Max Output Power	20 kW DC
Output Voltage	200 V--750VDC
Max Output Current	66A DC
Power Module Slots	1
Voltage stabilized accuracy	<±0.5%
Outlet Type	1*33A CFF
Load sharing	±3%

System Parameter

Efficiency	>94%
KAIC	6kA
Enclosure protection	IP44

Operation Environment

Ambient temperature	-20 ~ +50°C, full power output below 50°C Power derating 5% /°C above 50°C
Storage temperature	-40 ~ +75° C
Operating humidity	0 ~ 95% (No condensation)
Operational altitude	0 ~ 2000 m

Standard Compliance

Vehicle Communication	CFF: IEC 61851-23 and DIN70121
Plug-out detection	IEC 61851-23 (CFF)
Safety Compliance	Europe: IEC 62196, IEC 61851-1, CE
EMC	IEC61851-21-2 Class A

HMI Interface

Display	7" LCD/Touch Screen,
LED	RUN(G) /ALARM(R)
Power metering	1 *DC meter
Emergency stop	E-stop to shut down both AC input and DC output at same time

Monitoring Interface

Wide Area Network	4G LTE (o), wifi
Communication Protocols	OCPP 1.6

Protection Function

System protection	Overcurrent protection, Short circuit protection, Input/ Output Overvoltage protection, Input Undervoltage protection Insulation monitoring Two DC connector output common ground protection Reverse polarity protection, Over temperature protection,
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Mechanical Feature

Dimension (W*H*D mm)	600 (W) *600 (H) *350(D) (mm)
Charger Weight	38kg (without power module, without Packing)