



Faster Charging, Smoother Rides

4 wheeler ev charging solution by goEgo



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www.goego.in

sales@goegonetwork.com

Sales: (+91)7066710101, Customer Care(+91)8956887475



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Impactware Technology Solutions Pvt.Ltd.

goEgo : Mfg Unit: Plot No. 36, Sector No. 05, Auric City, MIDC Industrial Area, Shendra, Chh. Sambhajinagar, 431154, Maharashtra, India

goEgo : Registered office : C/o SSCo, Office number 16, 1184/4, Gokul Nagar, FC Road, Dnyaneshwar Paduka Chowk, Shivaji Nagar, Pune 411005



Technical Information			
Parameter	Specification	Specification	Specification
Model Series	FLAMINGO 120	FLAMINGO 180	FLAMINGO 240
Model Number	GEG-FLA-120K-CCS2-2C-C	GEG-FLA-180K-CCS2-2C-C	GEG-FLA-240K-CCS2-2C-C
INPUT			
Input Supply	3 phase 400 - 415V AC (+6% and -10%) with 3P+N+PE	3 phase 400 - 415V AC (+6% and -10%) with 3P+N+PE	3 phase 400 - 415V AC (+6% and -10%) with 3P+N+PE
Input Current	Max 200A	Max 300A	Max 400A
Input Frequency	45 ~65 Hz	45 ~65 Hz	45 ~65 Hz
Power factor	0.99 Nominal	0.99 Nominal	0.99 Nominal
OUTPUT			
No. Output Guns	2	2	2
DC output voltage	200 to 1000V	200 to 1000V	200 to 1000V
DC output current	200A max. per Gun	200A max. per Gun	200A max. per Gun
Power output	120KW with single gun Occupied and 60 KW each in case of both the GUNS are occupied	180KW with single gun Occupied and 90 KW each in case of both the GUNS are occupied	240KW with single gun Occupied and 120 KW each in case of both the GUNS are occupied
Output efficiency	>95%	>95%	>95%
Output Regulation accuracy	±0.5%	±0.5%	±0.5%
Output Stabilized current	±1A (0~50A)	±1A (0~50A)	±1A (0~50A)
Output connector type	CCS2	CCS2	CCS2
USER INTERFACE			
Display	7" TFT LCD with Touch Screen	7" TFT LCD with Touch Screen	7" TFT LCD with Touch Screen
SIM Slot	General size SIM card for GSM connectivity	General size SIM card for GSM connectivity	General size SIM card for GSM connectivity
LED Indication	Multicolor LED indication for charging status	Multicolor LED indication for charging status	Multicolor LED indication for charging status
METERING			
AC Metering	RS485 - MID certified metering	RS485 - MID certified metering	RS485 - MID certified metering
DC Metering	RS485	RS485	RS485
COMMUNICATION			
EVSE to Server	OCPP 1.6	OCPP 1.6	OCPP 1.6
Cloud Connectivity	WiFi, 3G, 4G	WiFi, 3G, 4G	WiFi, 3G, 4G
EVSE to Vehicle	PLC (As per ISO 15118)	PLC (As per ISO 15118)	PLC (As per ISO 15118)
User Authentication	RFID enabled	RFID enabled	RFID enabled
SAFETY AND PROTECTION			
Safety Measures	Emergency stop button	Emergency stop button	Emergency stop button
Protection	Over current, Under voltage, Over voltage, Residual Current, Surge protection, Short circuit, Over temperature, Ground fault, Communication failure, Insulation monitoring, Residual protection	Over current, Under voltage, Over voltage, Residual Current, Surge protection, Short circuit, Over temperature, Ground fault, Communication failure, Insulation monitoring, Residual protection	Over current, Under voltage, Over voltage, Residual Current, Surge protection, Short circuit, Over temperature, Ground fault, Communication failure, Insulation monitoring, Residual protection
Earth (ground) fault protection	Leakage current<30mA(for AC)	Leakage current<30mA(for AC)	Leakage current<30mA(for AC)
ENVIRONMENTAL			
Operating Temperature	-10 to 55°C	-10 to 55°C	-10 to 55°C
Operating Humidity	5 to 95%, non-condensing	5 to 95%, non-condensing	5 to 95%, non-condensing
MECHANICAL			
Dimensions	(H x W x D) 1760 x 900 x 650 mm	(H x W x D) 1860 x 900 x 700mm	(H x W x D) 1860 x 900 x 700mm
Material	MS-CRCA	MS-CRCA	MS-CRCA
Cooling	Forced air cooled	Forced air cooled	Forced air cooled
Net Weight	~ 250 Kg	~ 300 Kg	~ 400 Kg
Mounting Type	Floor mounting	Floor mounting	Floor mounting
IP rating	IP54	IP54	IP54
COMPLIANCE & CERTIFICATION			
Standard	AIS-138-part-2, ISO 15118	AIS-138-part-2, ISO 15118	AIS-138-part-2, ISO 15118



PARAMETER	SPECIFICATION	SPECIFICATION	SPECIFICATION
Model series	FLAMINGO 320	FLAMINGO 360	FLAMINGO 400
Model number	GEG-KIT-320K-CCS2-2C-C	GEG-KIT-360K-CCS2-2C-C	GEG-KIT-400K-CCS2-2C-C
INPUT			
Input supply	3 phase 400 - 415V AC (+6% and -10%) with 3P+N+PE	3 phase 400 - 415V AC (+6% and -10%) with 3P+N+PE	3 phase 400 - 415V AC (+6% and -10%) with 3P+N+PE
Input current	Max 540A	Max 540A	Max 540A
Input frequency	45 ~ 65 Hz	45 ~ 65	45 ~ 65
Input Power	<355KW	<378KW	<378KW
Power factor	0.98 Nominal	0.98 Nominal	0.98 Nominal
OUTPUT			
Number of output Guns	2	2	2
DC output voltage	300 to 1000V	300 to 1000V	300 to 1000V
Power output per Gun	160KW Per Gun	180KW Per Gun	200KW Per Gun
Output efficiency	>95%	>95%	>95%
Output Regulation accuracy	±0.5%	±0.5%	±0.5%
Output Stabilized current	±1A	±1A	±1A
Output connector type	CCS2	CCS2	CCS2
USER INTERFACE			
Display	7" TFT LCD with Touch Screen	7" TFT LCD with Touch Screen	7" TFT LCD with Touch Screen
SIM slot	General size SIM card for GSM connectivity	General size SIM card for GSM connectivity	General size SIM card for GSM connectivity
LED indication	Multicolor LED indication for charging status	Multicolor LED indication for charging status	Multicolor LED indication for charging status
METERING			
AC metering	RS485 - MID certified metering	RS485 - MID certified metering	RS485 - MID certified metering
DC metering	RS485	RS485	RS485
COMMUNICATION			
EVSE to Server	OCPP 1.6	OCPP 1.6	OCPP 1.6
Cloud connectivity	WiFi, 3G, 4G, Ethernet	WiFi, 3G, 4G, Ethernet	WiFi, 3G, 4G, Ethernet
EVSE to vehicle	PLC (As per ISO 15118)	PLC (As per ISO 15118)	PLC (As per ISO 15118)
User authentication	RFID enabled	RFID enabled	RFID enabled
SAFETY AND PROTECTION			
Safety measures	Emergency stop button	Emergency stop button	Emergency stop button
Protection	Over current, Under voltage, Over voltage, Residual Current, Surge protection, Short circuit, Over temperature, Ground fault, Leakage current < 30mA (for AC)	Over current, Under voltage, Over voltage, Residual Current, Surge protection, Short circuit, Over temperature, Ground fault, Communication failure, Insulation monitoring, Residual protection, Leakage current < 30mA (for AC)	Over current, Under voltage, Over voltage, Residual Current, Surge protection, Short circuit, Over temperature, Ground fault, Communication failure, Insulation monitoring, Residual protection, Leakage current < 30mA (for AC)
Earth (Ground fault protection)	Leakage current < 30mA (for AC)	Leakage current < 30mA (for AC)	Leakage current < 30mA (for AC)
ENVIRONMENTAL			
Operating temperature	-10 to 55°C	-10 to 55°C	-10 to 55°C
Operating humidity	5 to 95%, non-condensing	5 to 95%, non-condensing	5 to 95%, non-condensing
Altitude	2000meters	2000meters	2000meters
MECHANICAL			
Dimension	(H x W x D) 1860 x 900 x 700mm	(H x W x D) 1860 x 900 x 700mm	(H x W x D) 1860 x 900 x 700mm
Material	MS-CRCA	MS-CRCA	MS-CRCA
Cooling	Forced air cooled	Forced air cooled	Forced air cooled
Net weight	~ 550 Kg	~ 600 Kg	~ 600 Kg
Mounting type	Floor mounting	Floor mounting	Floor mounting
IP rating	IP54	IP54	IP54
COMPLIANCE AND CERTIFICATION			
Standard	CCS2:IEC61851, ISO 15118	CCS2:IEC61851, ISO 15118	CCS2:IEC61851, ISO 15118