COREBOX DC30

DC030K-E2C22-100

Innovativeness

+ Anti-theft lock design, special tool needed to unlock
+ Intelligent operation by CMS
+ Faster charge, smaller installation space

Secure and Safe

+ Modular design, easy to repair and replace
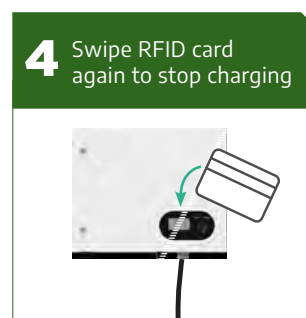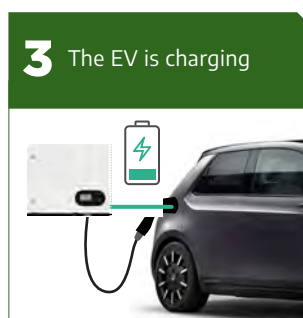+ Emergency stop switch, improve the safety

Intelligent Control

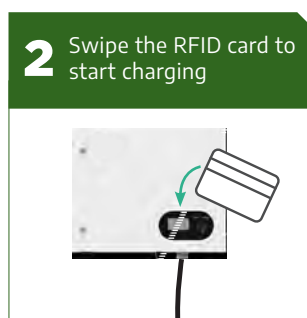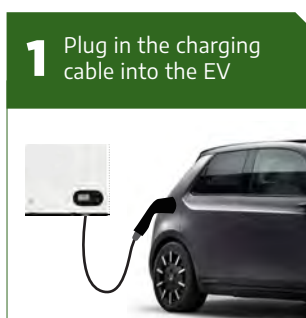+ Load balance control, balance the total power
+ OCPP communication protocol with CMS supported

Flexible Option

+ On-line: RFID card / APP start
+ Off-line: Plug & Play (Password)
+ Wall-mount / floor-stand installation

DATASHEET	MODEL	DC030K-E2C22-100
Input	Power Supply	3P+N+PE
	Rated Voltage	400V AC
	Rated Current	45A
	Frequency	50/60Hz
Output	Output Voltage	150V - 1000V DC
	Maximum Current	75A
	Rated Power	30kW
User Interface	Charge Connector	CCS2
	Cable Length	5m
	Enclosure	Galvanized steel housing and Temper glass screen
	LED Indicator	Green/Yellow/Red
	LCD Display	4.3' color touch screen
	RFID Reader	Mifare ISO/IEC 14443 A
	Start Mode	RFID card/APP/Plug&Play
Communication	WiFi	Yes
	Ethernet	Yes
	4G	Yes
	Bluetooth	Yes
	OCPP	OCPP 1.6 Json (OCPP 2.0 optional)
Safety	RCD	Type A
	Emergency Stop	Yes
	Ingress Protection	IP54
	Impact Protection	IK10 Case work
	Electrical Protection	Over current protection, Residual current protection, Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over temperature protection
	Certification	CE
	Certification Standard	EN IEC 61851-1:2019, IEC 61851-1:2017, EN 61851-23:2014, EN 61851-24:2014
	Warranty	3 years
Environment	Installation	Wall-mount/Pole-mount
	Cooling Method	Fan cooling
	Noise	≤60dB
	Work Temperature	-30°C-+50°C
	Work Humidity	5%-95%
	Work Altitude	<2000m

1 Plug in the charging cable into the EV

2 Swipe the RFID card to start charging

3 The EV is charging

4 Swipe RFID card again to stop charging

metric

TURBO FC60
DC060K-E2

AC & DC Integration

+ One charger with three outputs, simultaneously charging
+ One AC connector: Type 2, with output up to 43kW
+ Two DC connectors: CCS1/CCS2 and CHAdeMO, with output up to 60kW

Secure and Safe

+ Type A RCD for residual current protection
+ MID certified AC meter and PTB certified DC meter
+ ISO15118 prepared for advanced feature of
+ Plug&Charge

Intelligent Control

+ Ethernet/4G/Wi-Fi communication all supported
+ OCPP communication protocol with CMS
+ Intelligent operation by App and cashless payment

Flexible Option

+ App operation or RFID authentication or plug and play
+ High protection grade as IP54, with IP65 optional
+ Optional POS terminal for contactless credit card payment

DATASHEET	MODEL	DC060K-E2		
Input	Power Supply	3P+N+PE		
	Rated Voltage	400V AC		
	Rated Current	250A		
	Frequency	50/60Hz		
Output	Output Voltage	200-500V DC	400V DC	200-1000V DC
	Maximum Current	125A	63A	200A
	Rated Power	60kW	43kW	60kW
User Interface	Charge Connector	CHAdeMO	Type 2 cable	CC S2
	Cable Length	5m		
	Enclosure	Galvanized steel		
	LED Indicator	Green/Yellow/Red		
	LCD Display	10'' color touch screen		
	RFID Reader	Mifare ISO/IEC 14443 A		
	Start Mode	Plug&Play/RFID card/App		
	Emergency Stop	Yes		
	POS Terminal	Optional		
Communication	Wi-Fi	Yes		
	Ethernet	Yes		
	3G/4G	Yes		
	OCPP	OCPP 1.6 Json (OCPP 2.0 optional)		
Electrical Parameter	Efficiency	≥95%		
	Power Factor	≥0.99 @ 50%-100% loading		
	THD	≤5% @ 50%-100% loading		
	Ripple Factor	≤±0.5%		
Safety	Energy Meter	PTB certified	MID certified	PTB certified
	RCD	Type A		
	Ingress Protection	IP54		
	Impact Protection	IK10 Case work		
	Electrical Protection	Over current protection, Residual current protection, Short circuit protection, Ground protection, Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over/Under temperature protection		
	Certification	CE		
	Certification Standard	EN/IEC 61851-1: 2017, EN/IEC 61851-23: 2014		
	Warranty	3 years		
Environment	Installation	Floor-stand		
	Work Temperature	-30°C-+50°C		
	Work Humidity	5%-95%		
	Work Altitude	<2000m		
Package	Product Dimension	750 x 400 x 1830mm (H*W*D)		
	Package Dimension	1020 x 616 x 2030mm (L*W*H)		
	Net Weight	185kg		
	Gross Weight	225kg		
	External Package	Wood case		

metric

ROCKET FC120
DC120K-E2F21-200

High Efficiency

+ One charger with two outputs, simultaneously charging
+ Two CCS2 DC connectors, with output up to 120kW
+ Constant power from 300~1000V voltage, less heat with smaller current

Secure and Safe

+ Type A RCD for residual current protection
+ PTB certified energy meter with accurate measurement
+ ISO15118 prepared for advanced feature of Plug&Charge

Intelligent Control

+ Ethernet/4G/Wi-Fi communication all supported
+ OCPP communication protocol with CMS
+ Intelligent operation by App and cashless payment

Flexible Option

+ App operation or RFID authentication or plug and play
+ High protection grade as IP54, with IP65 optional
+ Optional POS terminal for contactless credit card payment

DATASHEET	MODEL	DC120K-E2
Input	Power Supply	3P+N+PE
	Rated Voltage	400V AC
	Rated Current	300A
	Frequency	50/60Hz
Output	Output Voltage	200-1000V DC
	Maximum Current	200A
	Rated Power	120kW
User Interface	Charge Connector	CCS2
	Cable Length	5m
	Enclosure	Galvanized steel
	LED Indicator	Green/Yellow/Red
	LCD Display	10'' color touch screen
	RFID Reader	Mifare ISO/IEC 14443 A
	Start Mode	Plug&Play/RFID card/App
	Emergency Stop	Yes
	POS Terminal	Optional
Communication	Wi-Fi	Yes
	Ethernet	Yes
	3G/4G	Yes
	OCPP	OCPP 1.6 Json (OCPP 2.0 optional)
Electrical Parameter	Efficiency	≥95%
	Power Factor	≥0.99 @ 50%-100% loading
	THD	≤5% @ 50%-100% loading
	Ripple Factor	≤±0.5%
Safety	Energy Meter	PTB certified
	RCD	Type A
	Ingress Protection	IP54
	Impact Protection	IK10 Case work
	Electrical Protection	Over current protection, Residual current protection, Short circuit protection, Ground protection, Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over/Under temperature protection
	Certification	CE
	Certification Standard	EN/IEC 61851-1: 2017, EN/IEC 61851-23: 2014
	Warranty	3 years
Environment	Installation	Floor-stand
	Cooling Method	Fan cooling
	Work Temperature	-30°C-+50°C
	Work Humidity	5%-95%
	Work Altitude	<2000m
Package	Product Dimension	750 x 525 x 1830mm (H*W*D)
	Package Dimension	1020 x 745 x 2030mm (L*W*H)
	Net Weight	240kg
	Gross Weight	280kg
	External Package	Wood case

metric