

HFC Series

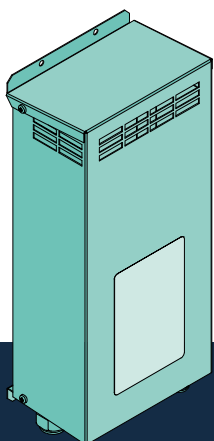
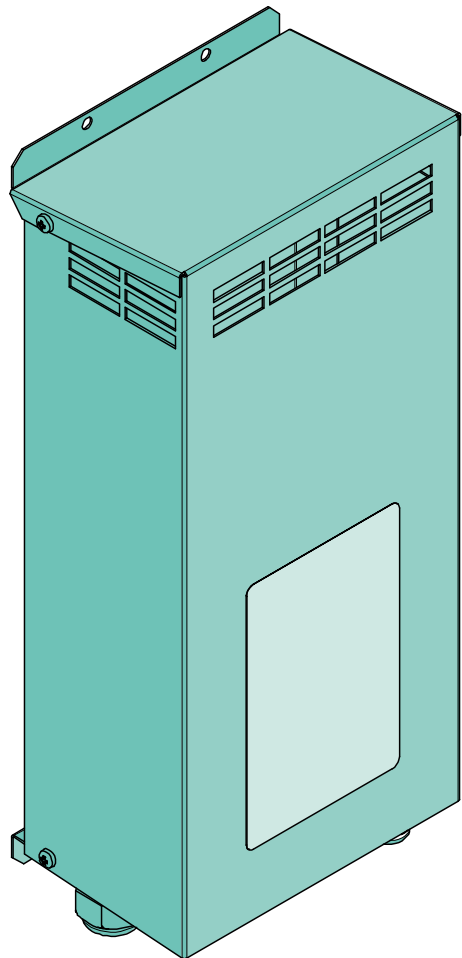
High
Frequency
Chargers

K0

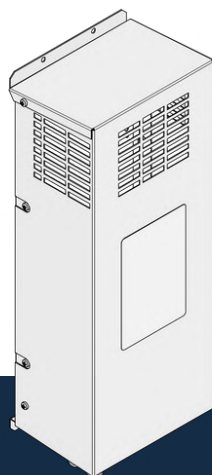
Technical Features

- Suitable for charging modes:
Conventional
Opportunity
- Customizable charging curves
- Customizable CAN BUS communication
(only for Lithium Battery)

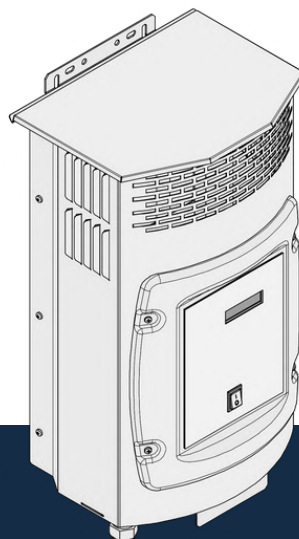
GENERIC CODE	BATTERY VOLTAGE [V]	CHARGING CURRENT [A]	MAX POWER [KW]
KF-024-030-K0	24	30	1.4



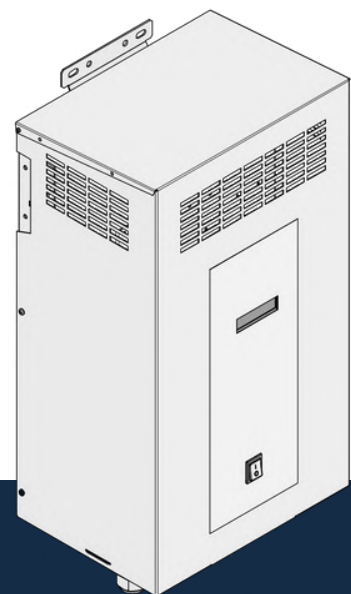
K0



K1



K2



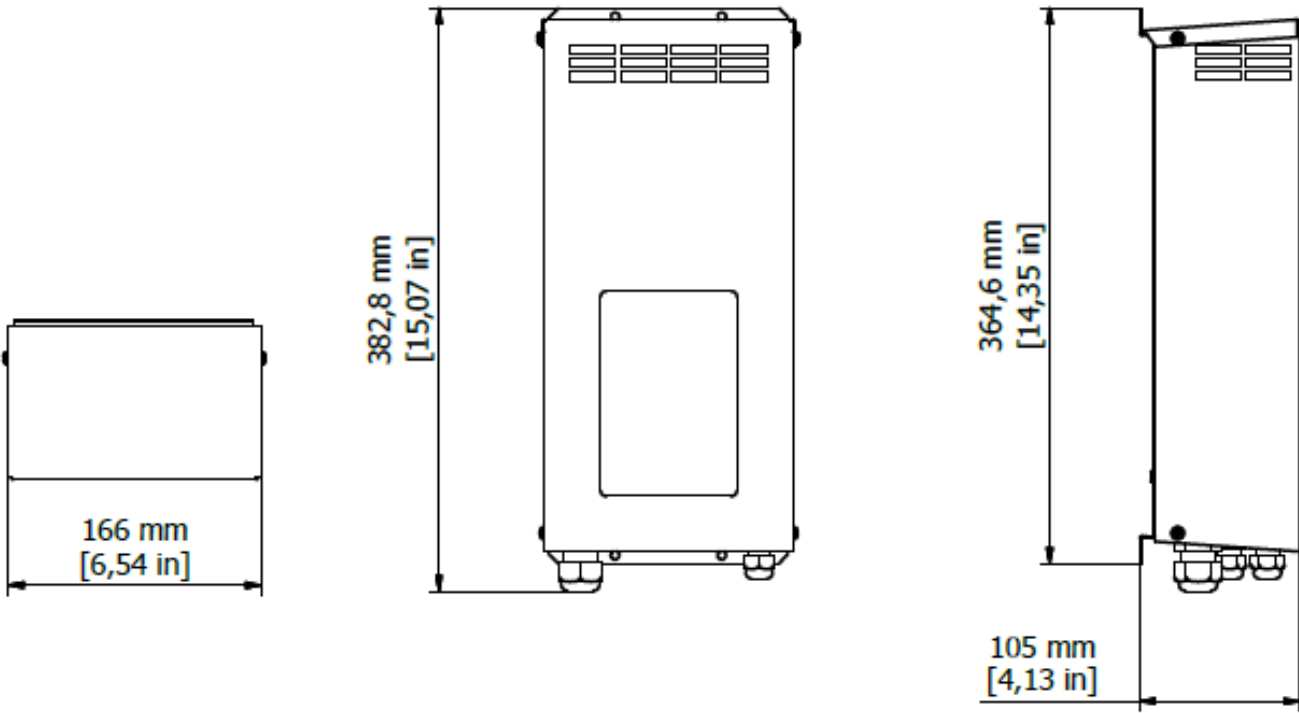
K3

STANDARDS	
Quality	ISO 9001:2008
Marking	CE
EMC	IEC EN 61000-6-2, IEC EN 61000-6-4
Safety	IEC EN 50178, IEC EN 602040-1
Test and Performance	IEC EN 62040-3

MECHANICAL	
Cooling	Air Cooled
IP level	IP21 (Standard)
Ambient Temperature	-10°C to +45°C
Storage Temperature	-20°C to +70°C
Humidity	<75%
Altitude (m)	>2000m according to EN62040-3

SPECIFICATIONS	
Line Voltage (VAC) ±10%	Single Phase: 120, 230
Frequency (Hz)	50/60 Hz ±5%
Power Factor	>98%
Efficiency	>93%

CHARGING APPLICATION SCENARIO
Sealed Battery: Flooded, GEL, VRLA
Lithium Battery: Can Bus Interface



HOUSING DIMENSION		
L (front) mm	W (side) mm	H mm
166	105	382



HFC Series

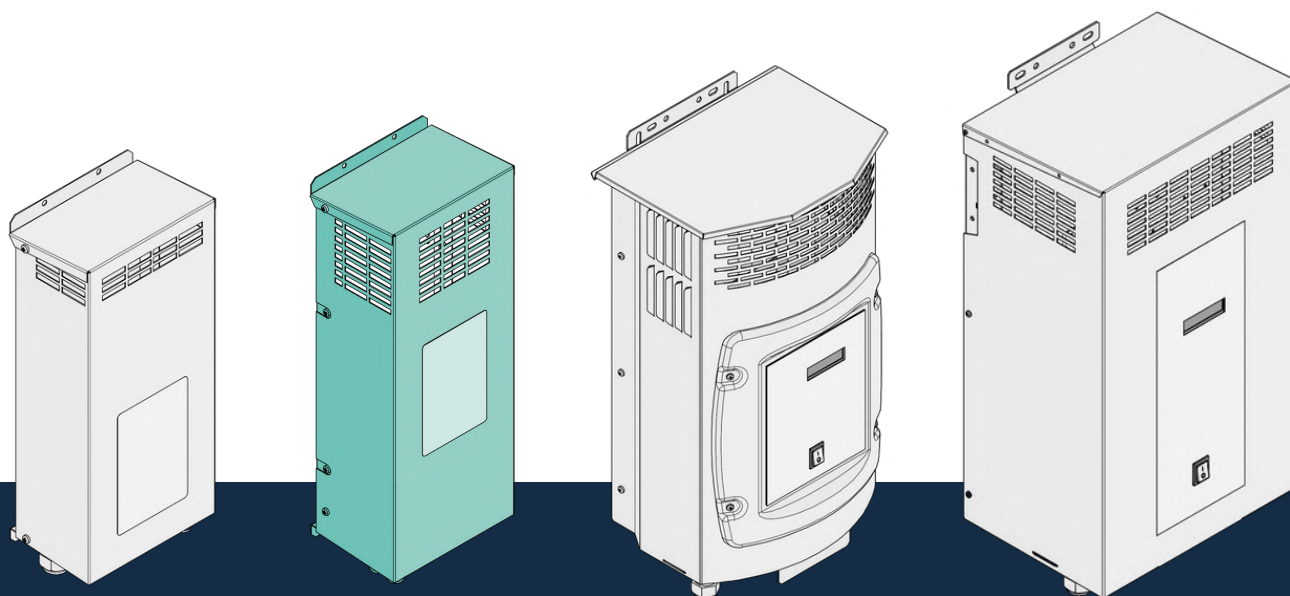
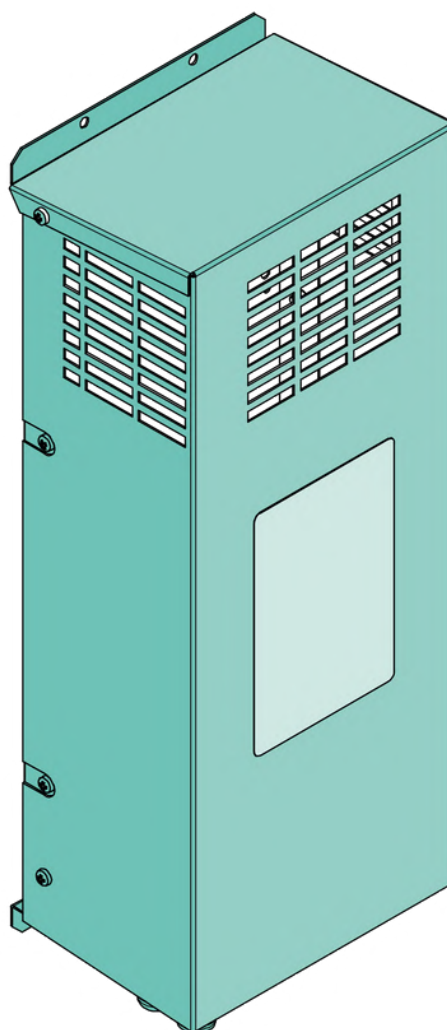
High
Frequency
Chargers

K1

Technical Features

- Suitable for charging modes:
Conventional
Opportunity
- Customizable charging curves
- Customizable CAN BUS communication
(only for Lithium Battery)

GENERIC CODE	BATTERY VOLTAGE [V]	CHARGING CURRENT [A]	MAX POWER [KW]
KF-024-060-K1	24	60	1.7
KF-036-040-K1	36	40	1.7
KF-048-030-K1	48	30	1.7



K0

K1

K2

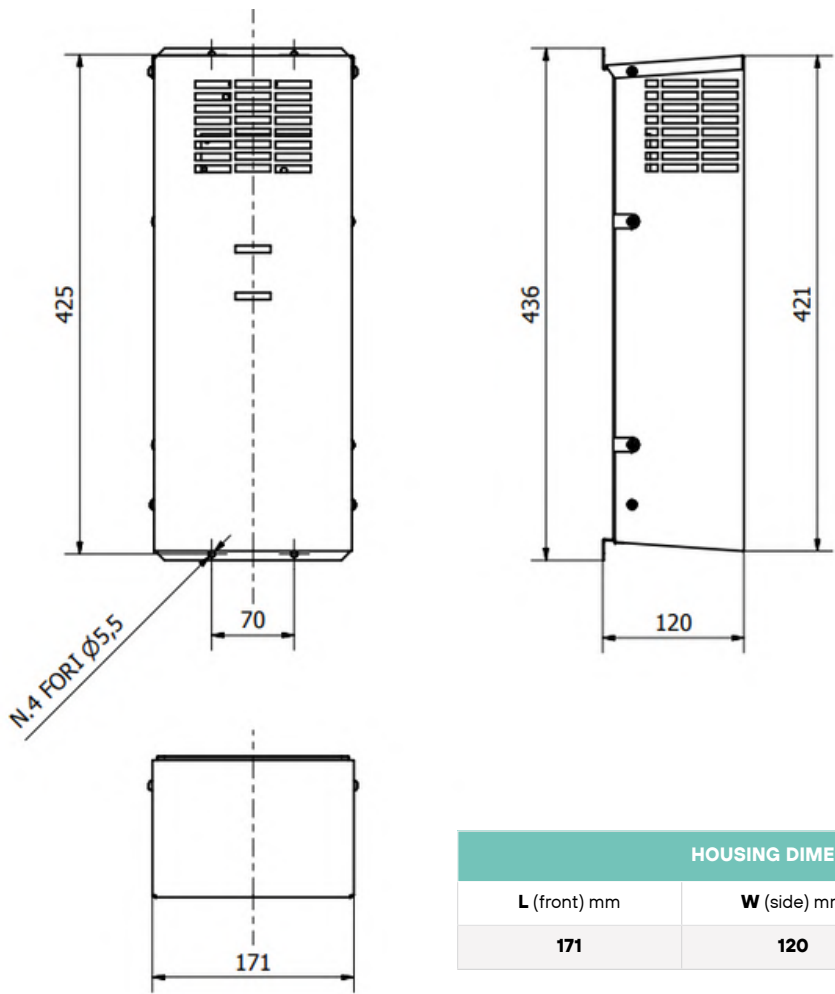
K3

STANDARDS	
Quality	ISO 9001:2008
Marking	CE, CEC
EMC	IEC EN 61000-6-2, IEC EN 61000-6-4
Safety	IEC EN 50178, IEC EN 602040-1
Test and Performance	IEC EN 62040-3
North American Standards	UL 1564, CSA 22.2 107.2-01

MECHANICAL	
Cooling	Air Cooled
IP level	IP21 (Standard)
Ambient Temperature	-10°C to +45°C
Storage Temperature	-20°C to +70°C
Humidity	<75%
Altitude (m)	>2000m according to EN62040-3

SPECIFICATIONS	
Line Voltage (VAC) ±10%	Single Phase: 120, 230
Frequency (Hz)	50/60 Hz ±5%
Power Factor	>98%
Efficiency	>93%

CHARGING APPLICATION SCENARIO
Sealed Battery: Flooded, GEL, VRLA
Lithium Battery: Can Bus Interface



HOUSING DIMENSION		
L (front) mm	W (side) mm	H mm
171	120	425



HFC Series

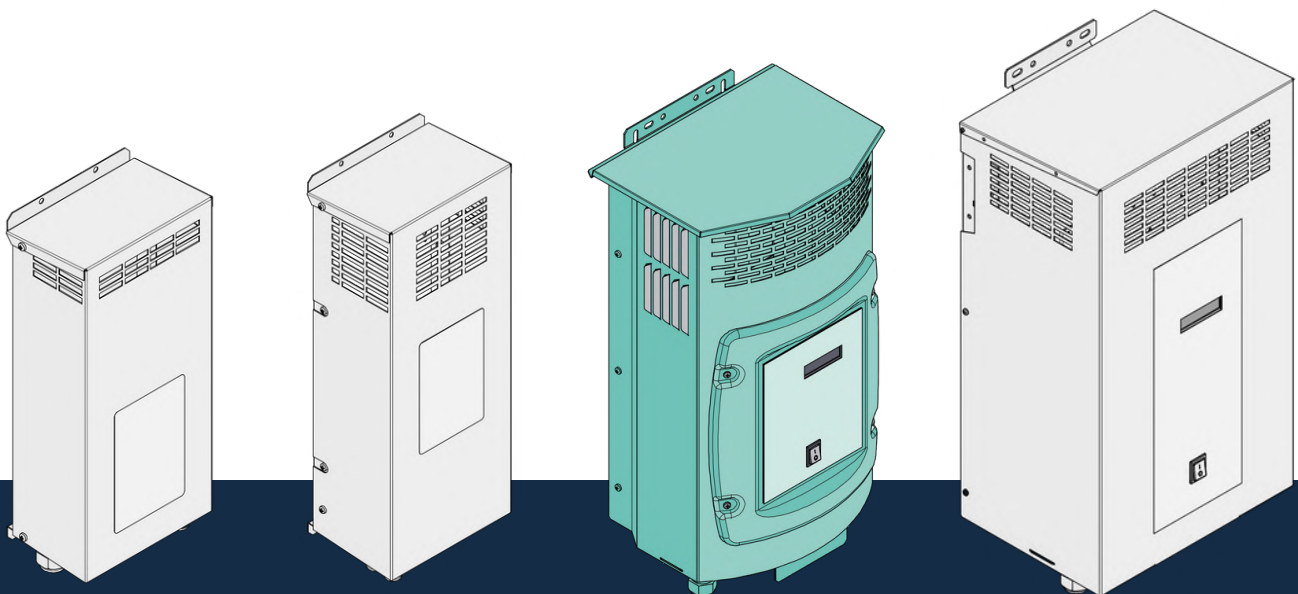
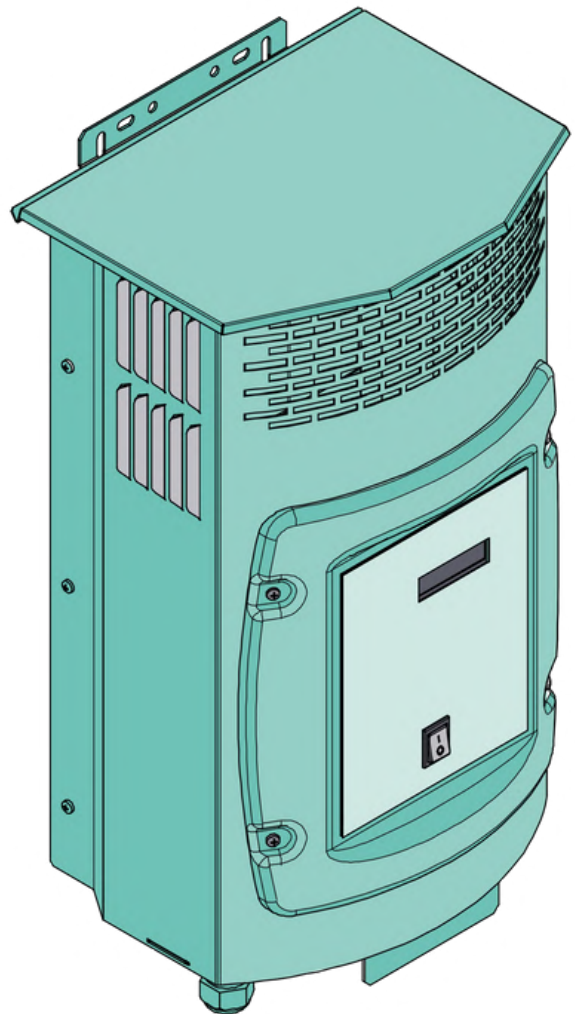
High
Frequency
Chargers

K2

Technical Features

- Suitable for charging modes:
Conventional
Opportunity
- Customizable charging curves
- Customizable CAN BUS communication
(only for Lithium Battery)

GENERIC CODE	BATTERY VOLTAGE [V]	CHARGING CURRENT [A]	MAX POWER [KW]
KF-024-100-K2	24	100	2,9
KF-048-070-K2	48	70	3.2



K0

K1

K2

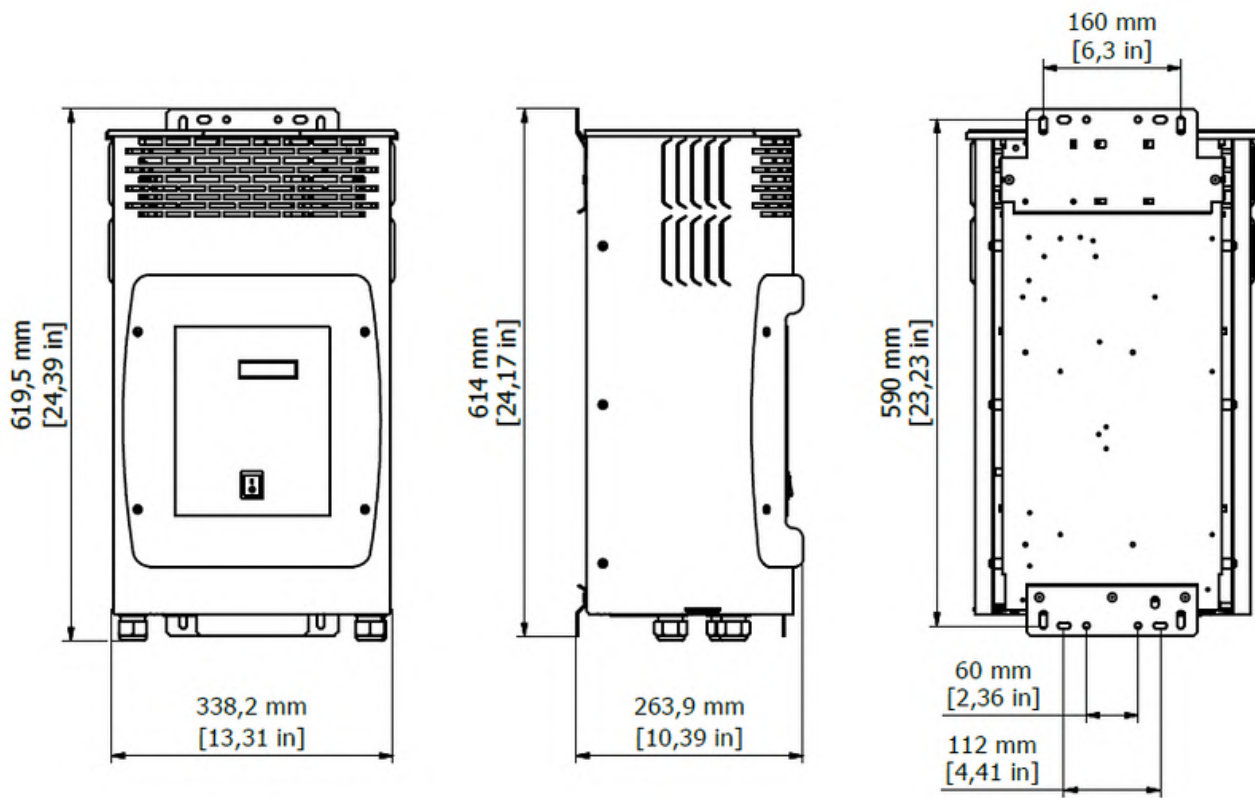
K3

STANDARDS	
Quality	ISO 9001:2008
Marking	CE
EMC	IEC EN 61000-6-2, IEC EN 61000-6-4
Safety	IEC EN 50178, IEC EN 062040-1
Test and Performance	IEC EN 62040-3
North American Standards	UL 1564, CSA 22.2 107.2-01

MECHANICAL	
Cooling	Air Cooled
IP level	IP21 (Standard)
Ambient Temperature	-10°C to +45°C
Storage Temperature	-20°C to +70°C
Humidity	<75%
Altitude (m)	>2000m according to EN62040-3

SPECIFICATIONS	
Line Voltage (VAC) ±10%	Single Phase: 120, 230
Frequency (Hz)	50/60 Hz ±5%
Power Factor	>98%
Efficiency	>93%

CHARGING APPLICATION SCENARIO
Sealed Battery: Flooded, GEL, VRLA
Lithium Battery: Can Bus Interface



HOUSING DIMENSION		
L (front) mm	W (side) mm	H mm
338	264	619



HFC Series

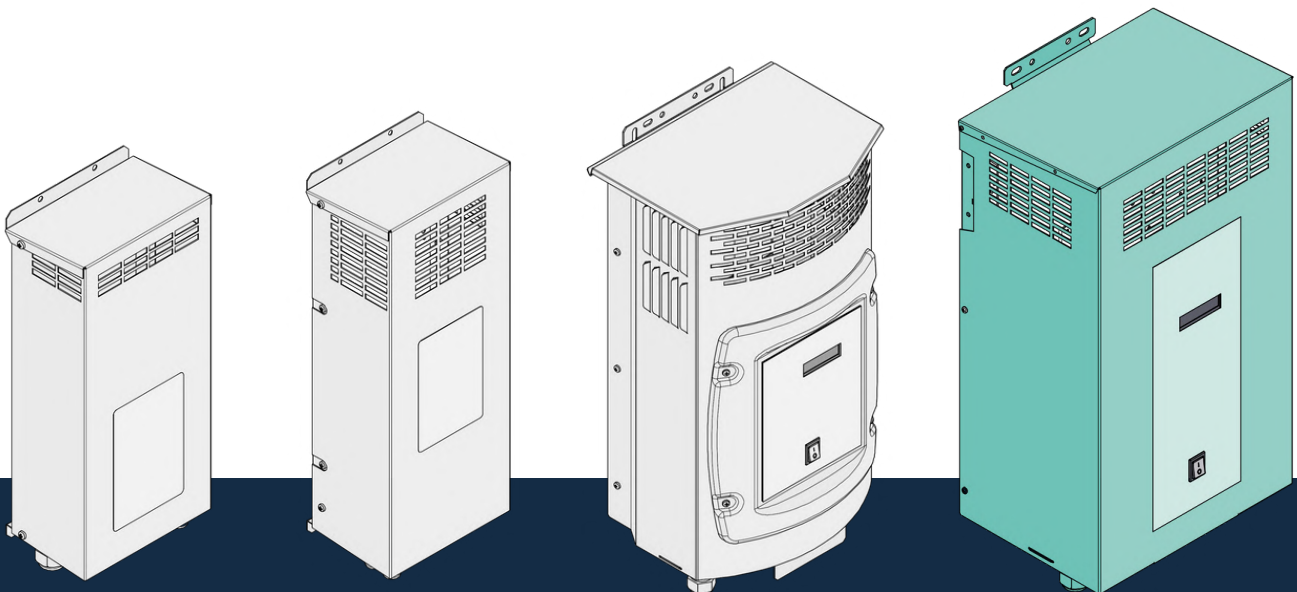
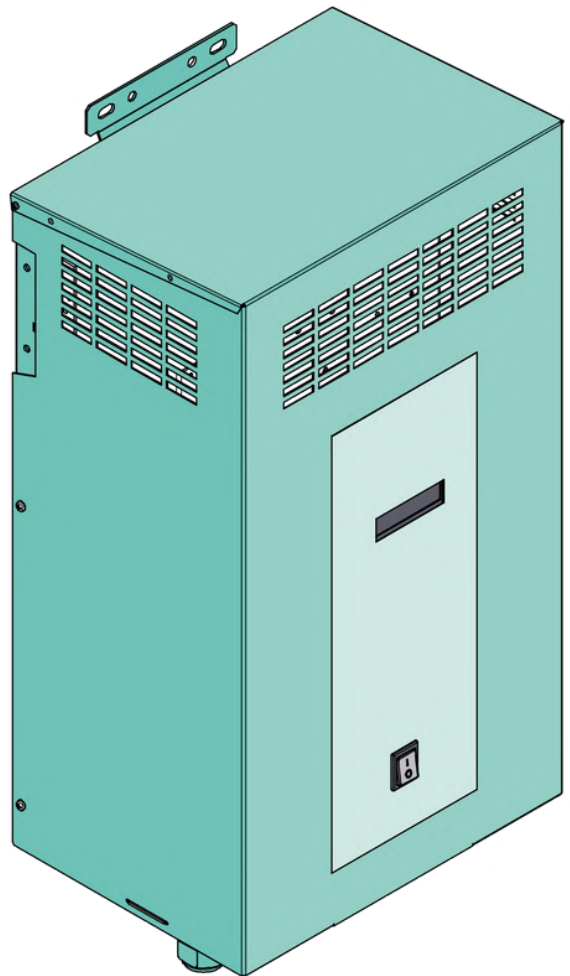
High
Frequency
Chargers

K3

Technical Features

- Suitable for charging modes:
Conventional
Opportunity
- Customizable charging curves
- Customizable CAN BUS communication
(only for Lithium Battery)

GENERIC CODE	BATTERY VOLTAGE [V]	CHARGING CURRENT [A]	MAX POWER [KW]
KF-048-100-K3	48	100	5.8
KF-048-150-K3	48	150	8.6



K0

K1

K2

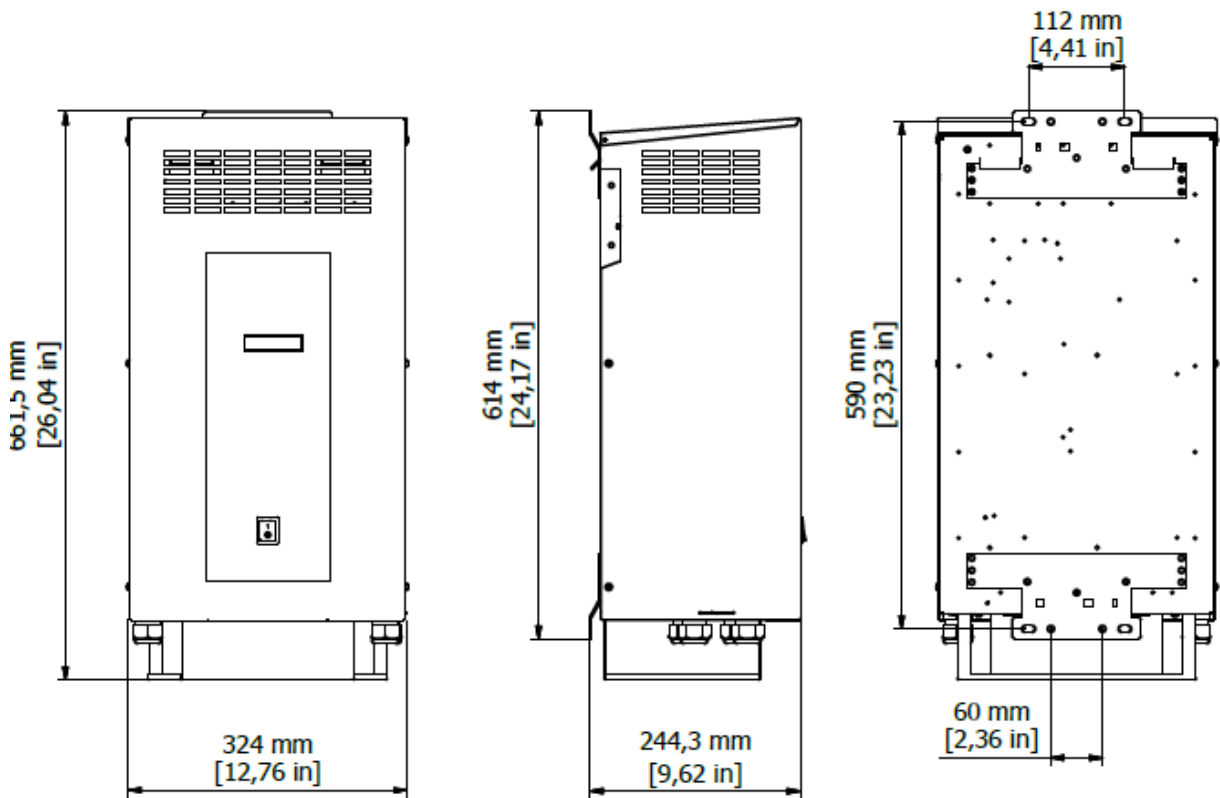
K3

STANDARDS	
Quality	ISO 9001:2008
Marking	CE
EMC	IEC EN 61000-6-2, IEC EN 61000-6-4
Safety	IEC EN 50178, IEC EN 062040-1
Test and Performance	IEC EN 62040-3
North American Standards	UL 1564, CSA 22.2 107.2-01

MECHANICAL	
Cooling	Air Cooled
IP level	IP21 (Standard)
Ambient Temperature	-10°C to +45°C
Storage Temperature	-20°C to +70°C
Humidity	<75%
Altitude (m)	>2000m according to EN62040-3

SPECIFICATIONS	
Line Voltage (VAC) ±10%	Three Phase: 400, 480
Frequency (Hz)	50/60 Hz ±5%
Power Factor	>98%
Efficiency	>93%

CHARGING APPLICATION SCENARIO
Sealed Battery: Flooded, GEL, VRLA
Lithium Battery: Can Bus Interface



HOUSING DIMENSION		
L (front) mm	W (side) mm	H mm
324	244	662

