

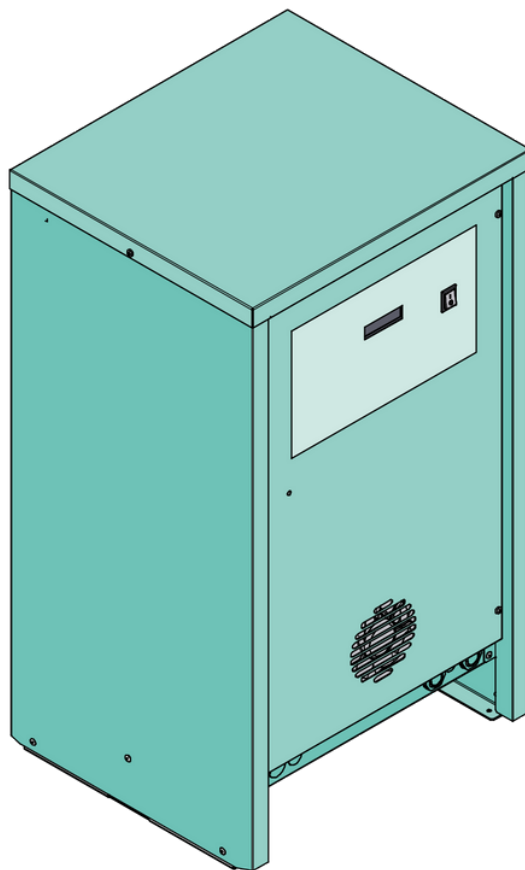
FRC Series

Ferro
Resonant
Chargers

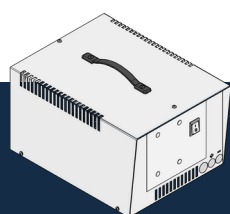
A1

Technical Features

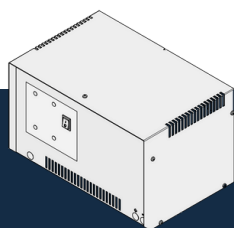
- Full automatic operation
- Robust and reliable construction
- Standard Wa-curve, WoWa-curve available



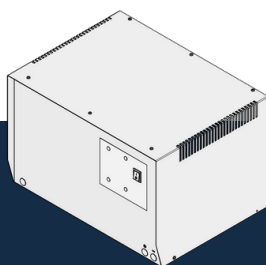
GENERIC CODE	BATTERY VOLTAGE [V]	CHARGING CURRENT [A]	MAX POWER [W]
FRC-024-160-A1	24	160	3.8
FRC-024-180-A1	24	180	4.3
FRC-036-160-A1	36	160	5.7
FRC-048-160-A1	48	160	7.7
FRC-048-180-A1	48	180	8.6
FRC-048-200-A1	48	200	9.6
FRC-072-120-A1	72	120	8.6
FRC-080-140-A1	80	140	11
FRC-080-160-A1	80	160	13
FRC-096-100-A1	96	100	9.6
FRC-096-120-A1	96	120	12



S0



S1



S2



A0



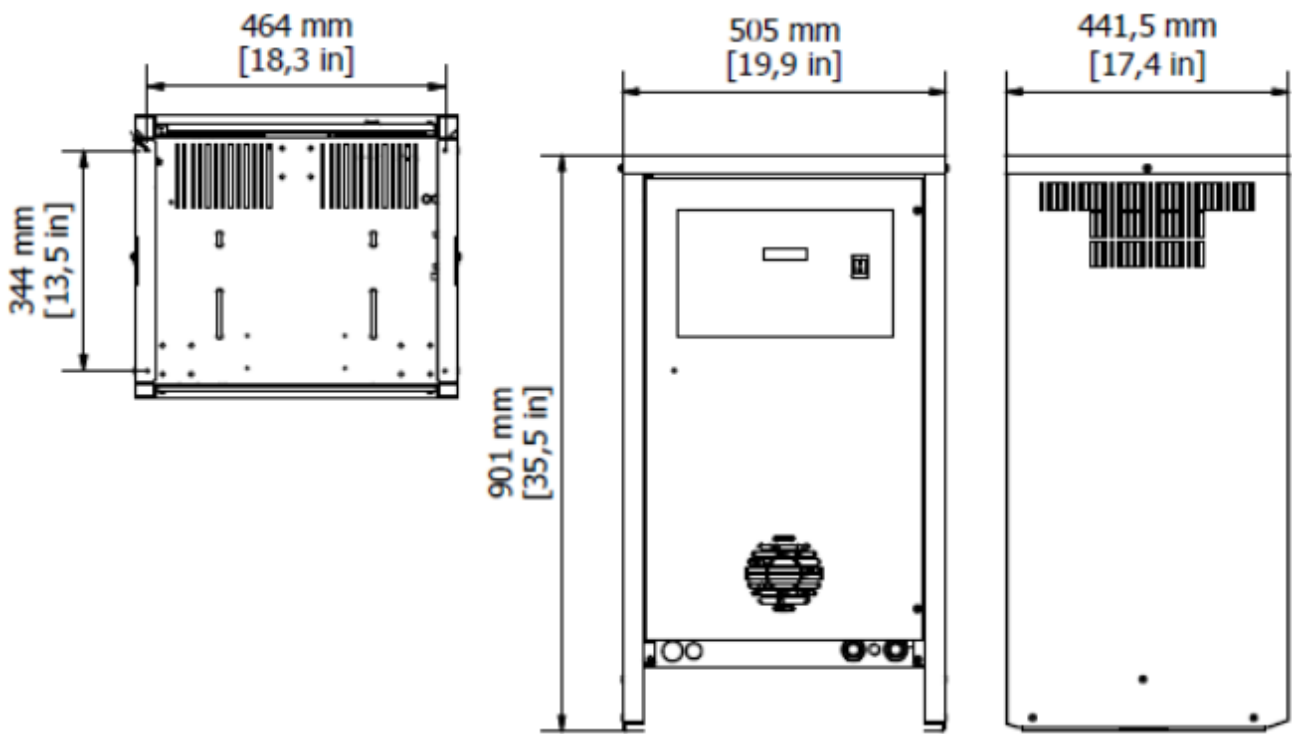
A1

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 +50°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	>80%
Efficiency	>85%

CHARGING APPLICATION SCENARIO
Sealed Battery: Flooded



HOUSING DIMENSION		
L (front) mm	W (side) mm	H mm
505	442	901

