

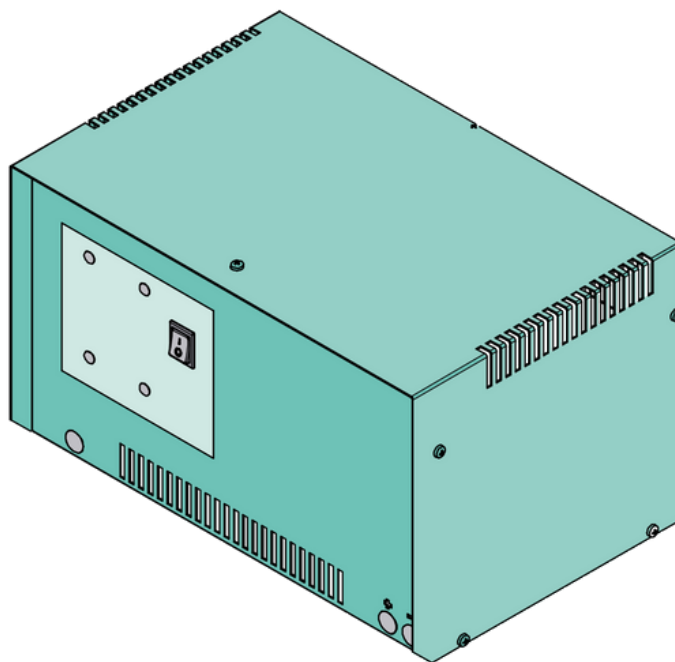
FRC Series

Ferro
Resonant
Chargers

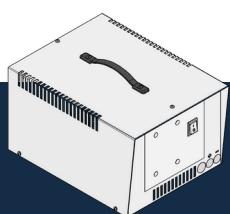
S1

Technical Features

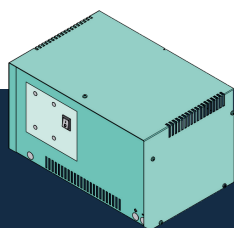
- Full automatic operation
- Robust and reliable construction
- Standard Wa-curve, WoWa-curve available



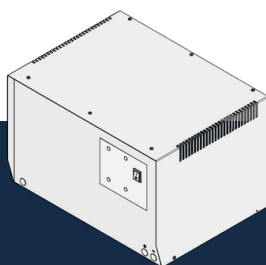
GENERIC CODE	BATTERY VOLTAGE [V]	CHARGING CURRENT [A]	MAX POWER [W]
FRC-012-050-S1	12	50	600
FRC-012-060-S1	12	60	720
FRC-024-050-S1	24	50	1200
FRC-024-060-S1	24	60	1440
FRC-036-030-S1	36	30	1080
FRC-036-040-S1	36	40	1440
FRC-036-050-S1	36	50	1800
FRC-048-040-S1	48	40	1920



S0



S1



S2



A0



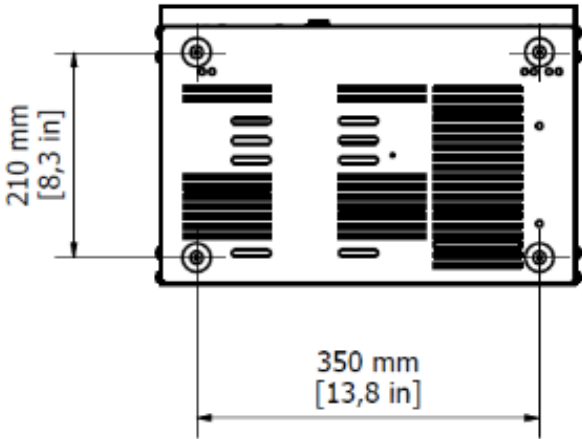
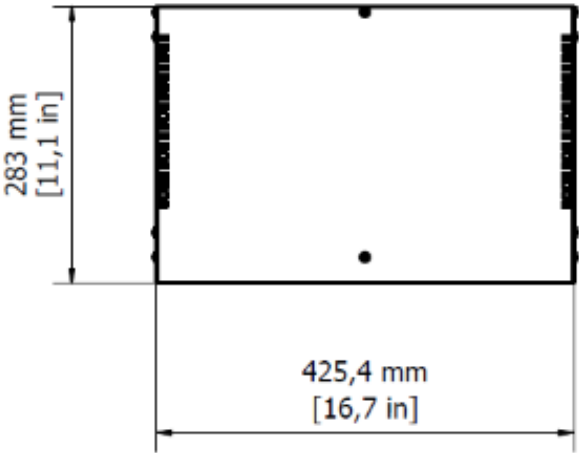
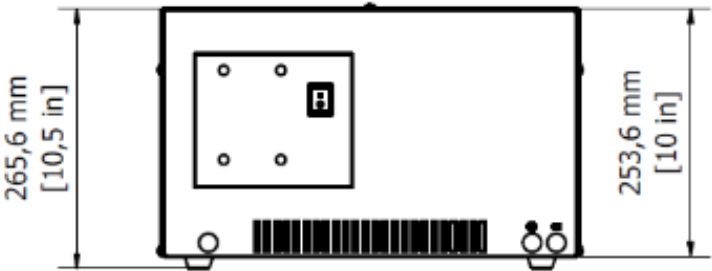
A1

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%	Single Phase: 120, 230
Frequency (Hz)	50/60 Hz ±5%
Power Factor	>90%
Efficiency	>90%

CHARGING APPLICATION SCENARIO
Sealed Battery: Flooded



HOUSING DIMENSION		
L (front) mm	W (side) mm	H mm
425	283	266

