

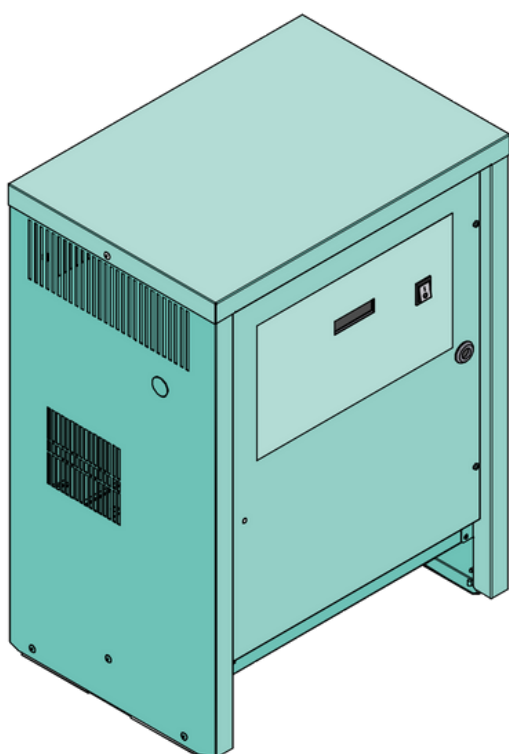
FRC Series

Ferro
Resonant
Chargers

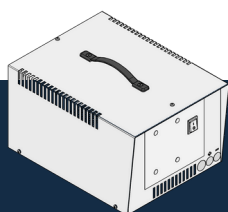
A0

Technical Features

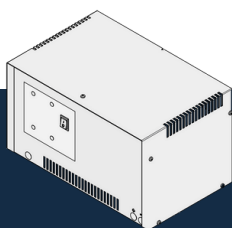
- Full automatic operation
- Robust and reliable construction
- Standard Wa-curve,
WoWa-curve available



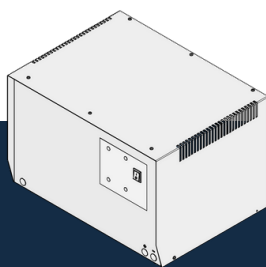
GENERIC CODE	BATTERY VOLTAGE [V]	CHARGING CURRENT [A]	MAX POWER [W]
FRC-024-060-A0	24	60	1.4
FRC-024-080-A0	24	80	1.9
FRC-024-100-A0	24	100	2.4
FRC-024-120-A0	24	120	2.9
FRC-024-140-A0	24	140	3.4
FRC-036-060-A0	36	60	2.2
FRC-036-080-A0	36	80	2.9
FRC-036-100-A0	36	100	3.6
FRC-036-120-A0	36	120	4.3
FRC-036-140-A0	36	140	5
FRC-048-050-A0	48	50	2.4
FRC-048-060-A0	48	60	2.9
FRC-048-080-A0	48	80	3.8
FRC-048-100-A0	48	100	4.8
FRC-048-120-A0	48	120	5.8
FRC-048-140-A0	48	140	6.7
FRC-072-060-A0	72	60	4.3
FRC-072-080-A0	72	80	5.8
FRC-072-100-A0	72	100	7.2
FRC-080-060-A0	80	60	4.8
FRC-080-080-A0	80	80	6.4
FRC-080-100-A0	80	100	8
FRC-080-120-A0	80	120	9.6



S0



S1



S2



A0



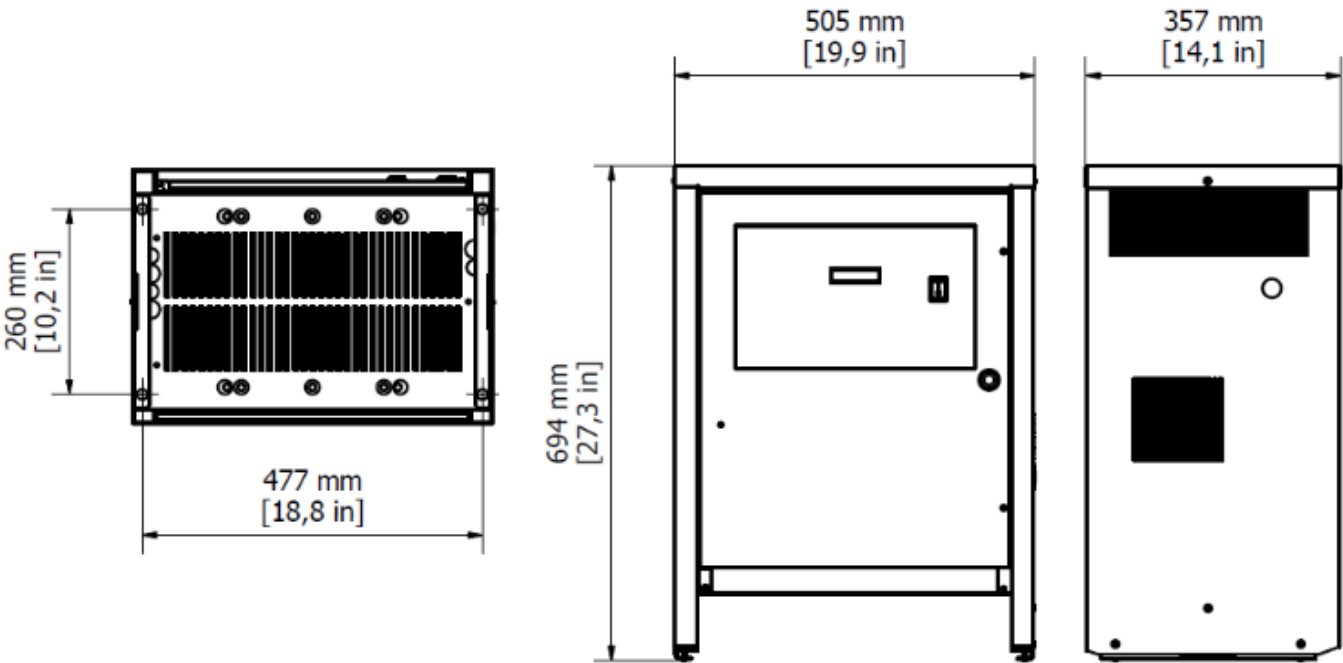
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STANDARDS	
Quality	ISO 9001:2008
Marking	CE
EMC	IEC EN 61000-6-2, IEC EN 61000-6-4
Safety	IEC EN 50178, IEC EN 062040-1
Test and Performance	IEC EN 62040-3
North American Standards	UL 1564, CSA 22.2 107.2-01

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	357	694

