

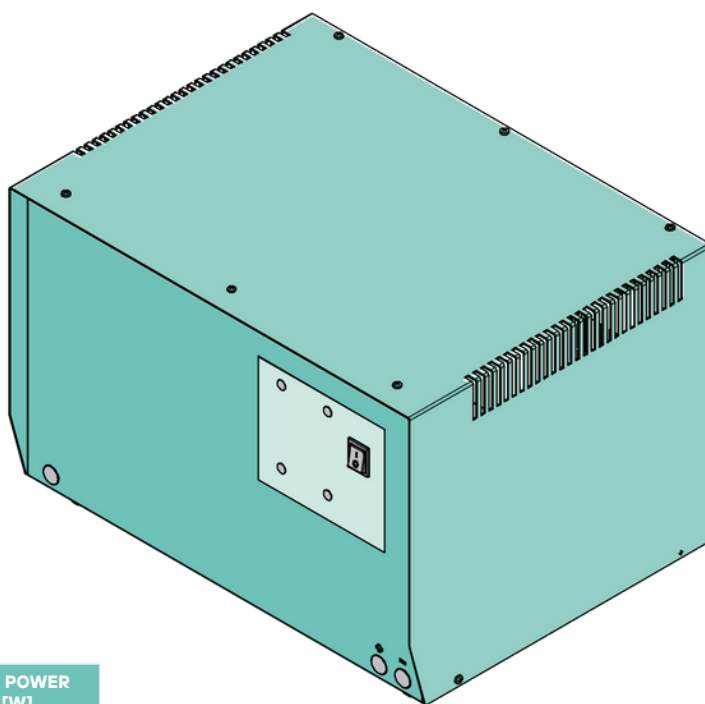
FRC Series

Ferro
Resonant
Chargers

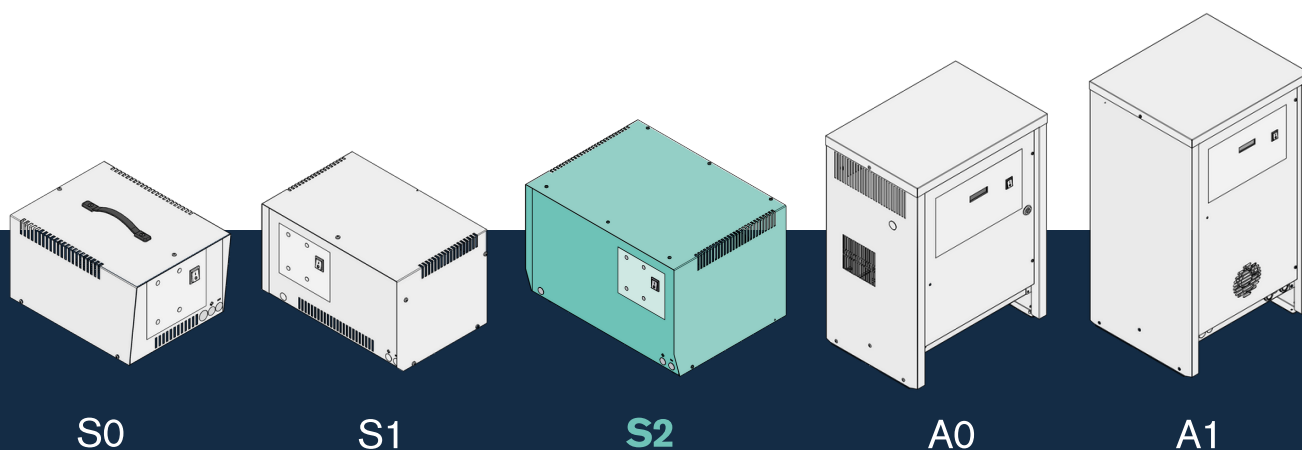
S2

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-024-080-S2	24	80	1.9
FRC-024-100-S2	24	100	2.4
FRC-036-060-S2	36	60	2.2
FRC-036-080-S2	36	80	2.9
FRC-048-050-S2	48	50	2.4
FRC-048-060-S2	48	60	2.9

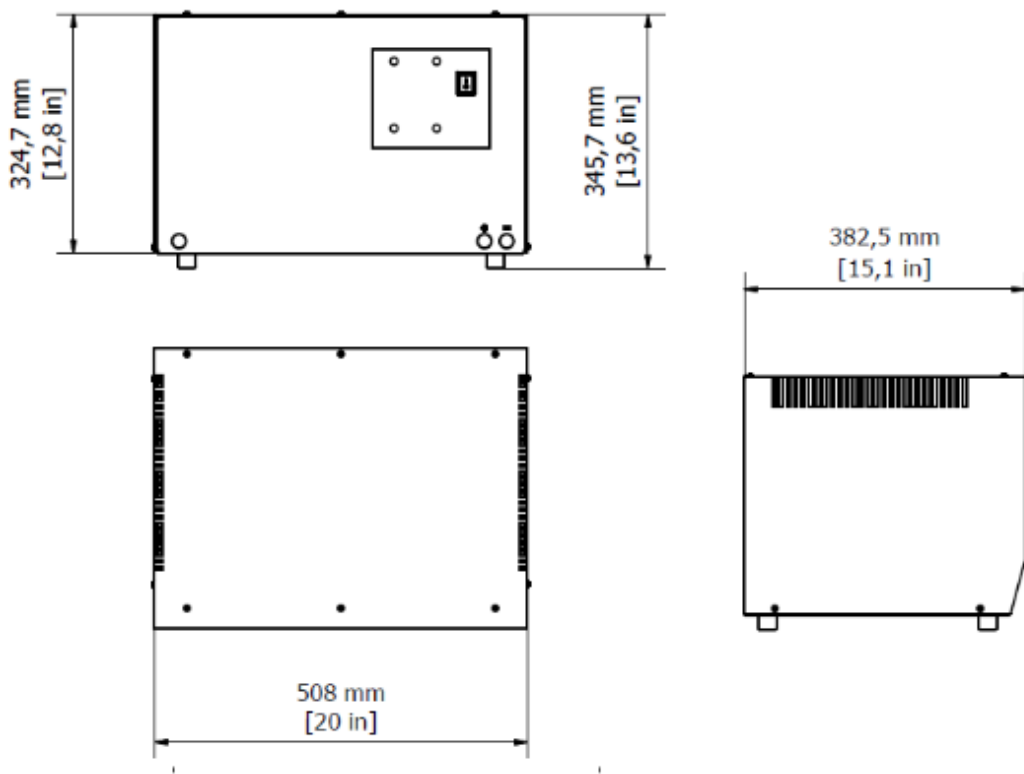


STANDARDS	
Quality	ISO 9001:2008
Marking	CE
EMC	IEC EN 61000-6-2, IEC EN 61000-6-4
Safety	IEC EN 50178, IEC EN 062040-1
Test and Performance	IEC EN 62040-3
North American Standards	UL 1564, CSA 22.2 107.2-01

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
508	383	346

