

SBC 24V HD Cradle Mount

SBC-CR24V-550

TECHNICAL DATA SHEET

24 Volt Brushless

The **SBC-CR24V-550** is a heavy-duty, brushless, air-cooled alternator with a cradle mount. It is designed for demanding applications such as transit buses, motor coaches, marine, mining, and industrial equipment. The alternator comes standard with remote regulation and can be paired with external regulators to suit advanced battery systems.

The SBC-CR24V-550 meets the marine requirements for Ignition Protection on gas or diesel engines of ISO 8846, USCG, Title 33 CFR 183.410, SAE J1171, and International CE Standards.

Voltage: 24 Volts

Idle Output: 345 Amps

Max. Output: 550 Amps

AVAILABLE OPTIONS:

- Remote Voltage Regulator
- Air Precleaner
- Oil Line Cap Kit (oil cooled to air cooled conversion)

SPECIFICATIONS:

Output Voltage: 24 Volts

Amps @ 2000 RPM: 345 Amps

Amps @ >5500 RPM: 550 Amps

Mounting: Cradle

Rotation: Bidirectional

Regulation: Remote

Speed Limit: 7000 RPM Continuous / 8000 RPM Intermittent

Operating Temperature: -40°F to 200°F (-40°C to 93°C) with air precleaner

Operating Temperature with Fresh Air Intake: -40°F to 230°F (-40°C to 110°C)

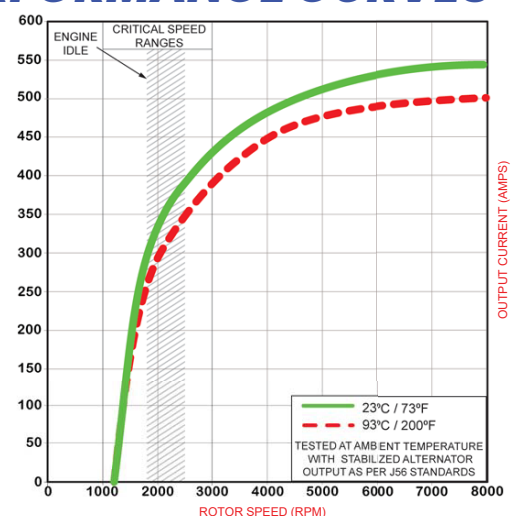
Housing: Corrosion Resistant E-Coated

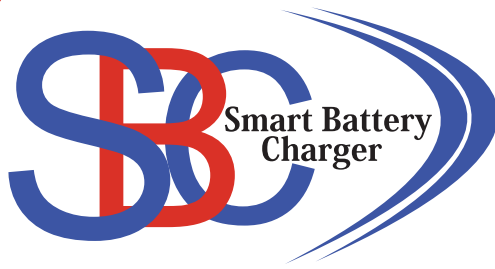
Net Weight: 94 lbs (42.5 kg)



With Air Precleaner (as supplied)

PERFORMANCE CURVES



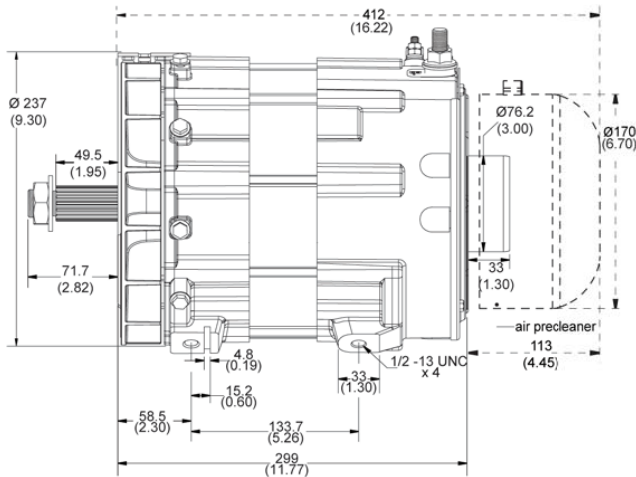


SBC 24V HD Cradle Mount

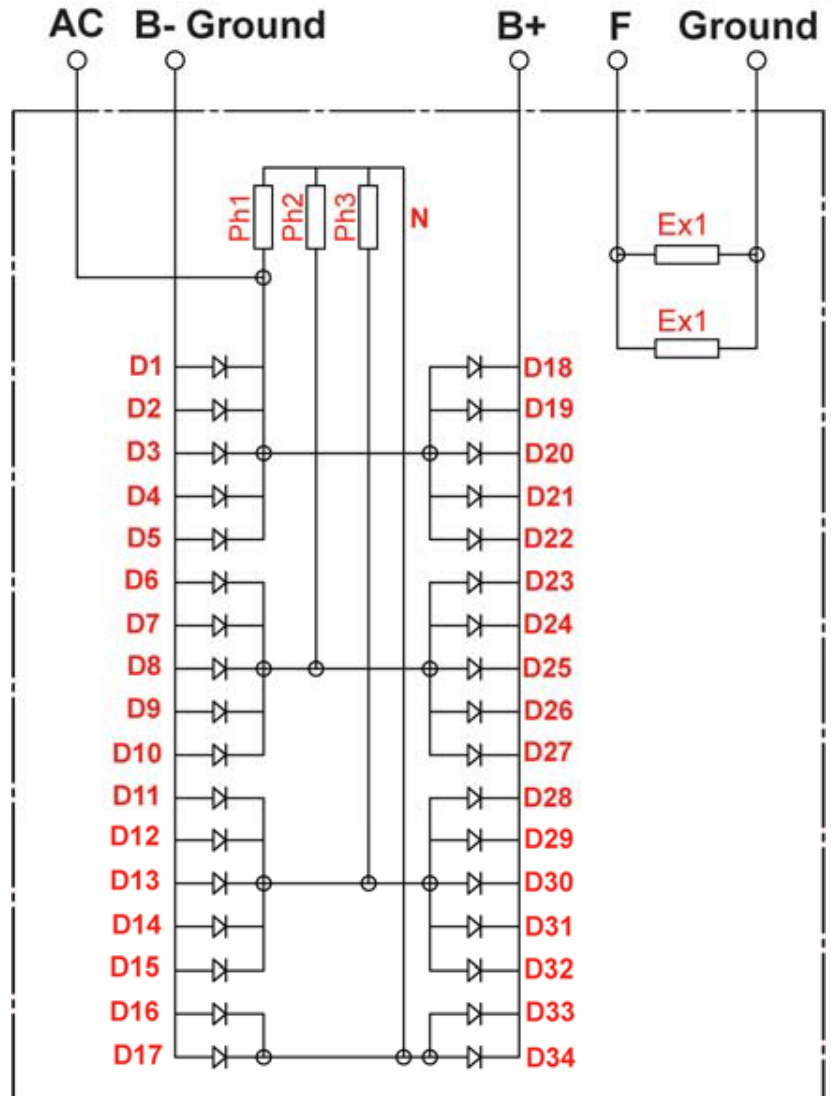
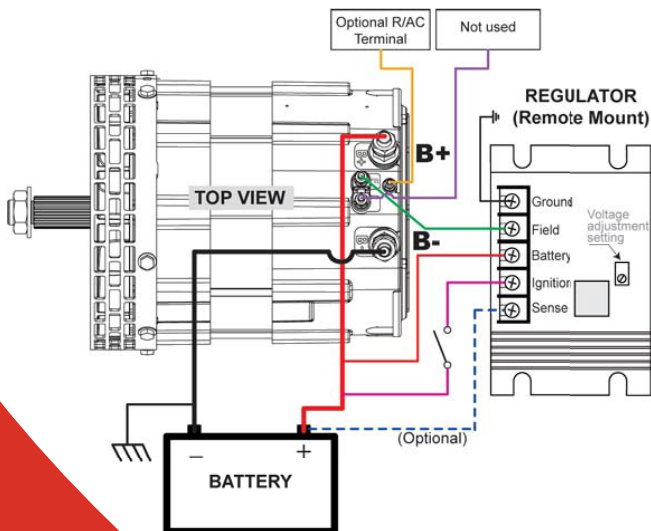
SBC-CR24V-550

TECHNICAL DATA SHEET 24 Volt Brushless

OUTLINE



CONNECTIONS



ELECTRICAL SCHEMATIC