

SBC 24V HD Cradle Mount

SBC-CR24V-600

TECHNICAL DATA SHEET

24 Volt Brushless

The **SBC-CR24V-600** is a heavy-duty, brushless, air-cooled alternator with a cradle mount. It is engineered for high-output applications in transit buses, motor coaches, marine, mining, and industrial equipment. The alternator comes standard with remote regulation and includes built-in noise suppression per SAE-J1908 standards.

The SBC-CR24V-600 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: 344 Amps

Max. Output: 600 Amps

AVAILABLE OPTIONS:

- 8-Groove Clutch Pulley
- Remote Voltage Regulator

SPECIFICATIONS:

Output Voltage: 24 Volts

Amps @ 2000 RPM: 344 Amps

Amps @ >5500 RPM: 600 Amps

Mounting: Cradle

Rotation: Bidirectional

Regulation: Remote

Noise Suppression: Built-in (SAE-J1908 Standard)

Speed Limit: 7000 RPM Continuous / 8000 RPM Intermittent

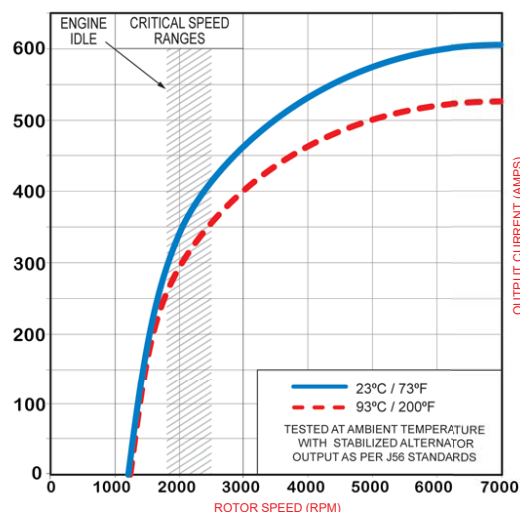
Operating Temperature with Fresh Air Intake: -40°F to 230°F (-40°C to 110°C)

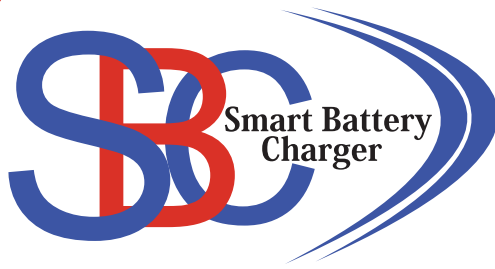
Housing: Corrosion Resistant E-Coated

Net Weight: 94 lbs (42.5 kg)



PERFORMANCE CURVES



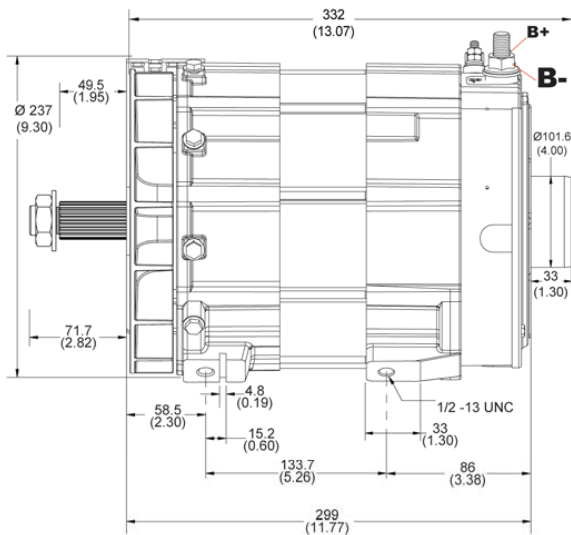


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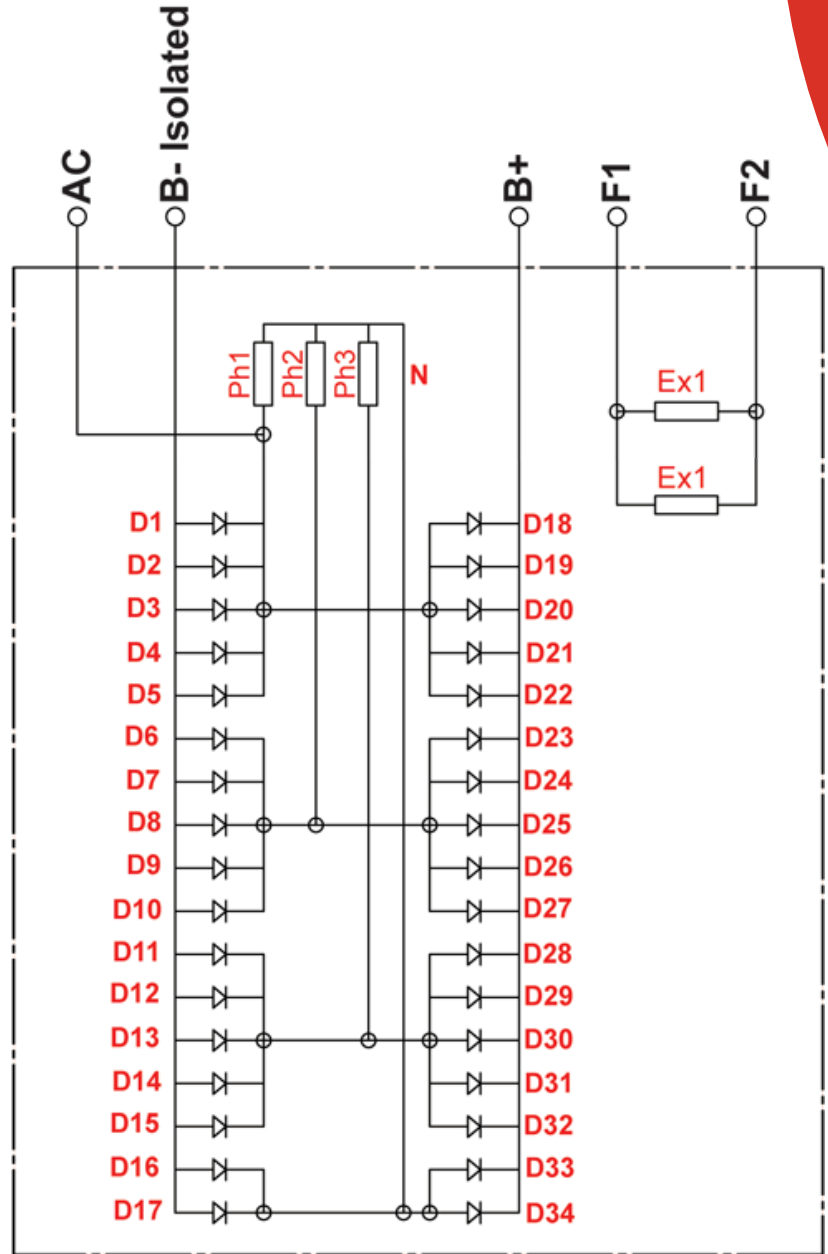
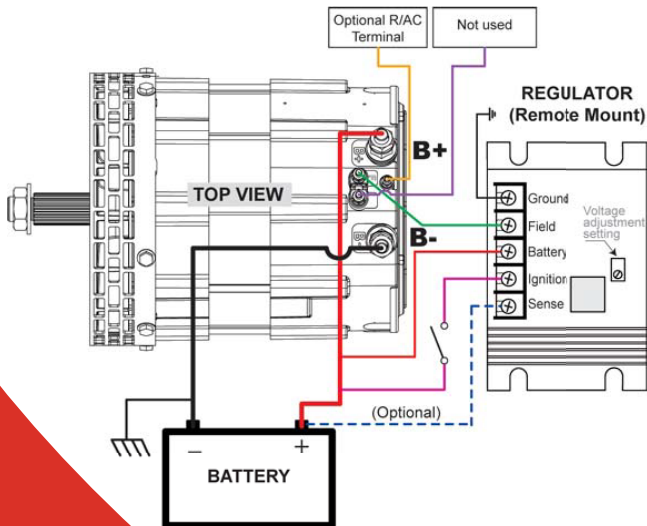
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OUTLINE



CONNECTIONS



ELECTRICAL SCHEMATIC