

Western Star's RestStar™ system provides a no-idle, sleeper climate control™ solution that delivers maximum driver comfort while also reducing emissions and lowering fuel costs.

The RestStar system is powered by four, heavy-duty AGM batteries that are charged during normal driving conditions. When the engine is off, RestStar provides quiet, efficient, high-power cooling capacity for up to 10 hours* on a single charge. Western Star's RestStar design maximizes valuable under-bunk storage space. It also features on-board diagnostics, full automatic temperature control in A/C and heating modes and a digital LCD display that makes it easier for drivers to control the unit and provides battery monitoring.

Features:

- Ease of operation
- Easy service diagnostics
- Warranty through Western Star
- Low maintenance
- Quiet operation
- System is recognized for weight exemptions, reference ATRI
- Qualifies for Federal Excise Tax (FET) exemption
- Factory installed at Western Star Manufacturing facility
- Single thermostat temperature control for A/C and heat
- California Air Resources Board (CARB) approved (ARB #08-643-004)
- SmartWay certified



*Depends on ambient temperature, solar load and truck insulation.



Display Functions:

- On/Off button
- Modes: Auto / Heat / A/C
- Blower Speed
- Temperature Setting
- Diagnostics
- Battery Status

Fuel Fired heater included

Control/Display inside sleeper on rear wall

Starting batteries (4) located under driver's door

Alternator with remote battery sense and high amperage cables



Auxiliary battery box located between the frame rails with (4) 800 CCA, AGM deep-cycle 100 Ahr minimum per batteries and Bergstrom battery management systems (BMS)

Rest Star in center of bunk (evaporator, compressor, condenser, and blower connected to separate sleeper ducting)

BMS Features:

- Mounted in the auxiliary battery box
- Monitors voltage and current in/out of batteries
- Monitors battery charge status and battery health status
- Controls battery isolator



Models: 5700

Data Code Specifications	Description
69M003	RestStar No-Idle Sleeper A/C System

Data Code Specifications	Description
124-1E7	12V 275 Amp 40-SI brushless pad alternator with remote battery voltage sense
124-100	12V 270 Amp 4967PGH pad alternator with remote battery voltage sense
124-1EB	12V 240 Amp 40-SI brushless pad alternator with remote battery voltage sense

Data Code Specifications	Description
709-006	Sleeper curtain
710-001	Cab privacy curtain
73D-010	Additional sleeper insulation
739-002	Additional cab sidewall insulation
768-998	No rear window

Weights & Dimensions

Rest Star Unit
 - 65 lbs. (29,5 kg)
 - 22.4" x 15.6" x 10.5"
 (570mm x 396mm x 267mm)

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Meets TMC Recommended Practices (RP) 432A

This RP offers guidelines for performance requirements of engine-off HVAC systems for sleeper cabs.

- Factory installed curtains closed
- Initial sleeper temperature 73 +/- 5°F
- 100°F ambient outside temperature
- 50% relative humidity
- 600 W/m² solar load on vehicle roof