Salient Characteristics

Portable Generators

11 August 2026

Minimum Generator Requirements:

Characteristics

The following distinguishing or salient characteristics represent the minimum performance and physical requirements to meet the Government's need. These specifications will be used in the Request for Quote (RFQ) and are the factors/minimum requirements that will be evaluated upon receipt of quotes.

General Salient Characteristics (Applicable to All Units):

- **Fuel Type:** Heavy-duty diesel engines.
- **Emissions:** Must be US EPA Tier 4 Final compliant.
- **Enclosure:** Sound-attenuated, fully weather-resistant, lockable enclosure. Must feature corrosion protection suitable for a coastal salt-spray environment (e.g., marine-grade aluminum or specially coated steel).
- **Trailer Configuration:** Trailer-mounted/towable on highway-rated axles, equipped with running gear, safety chains, leveling jacks, and a pintle eye hitch.
- **Voltage Selection:** Multi-voltage selector switch capable of outputting:
  - 1-Phase: 120/240V
  - 3-Phase: 120/208V and 277/480V
- **Fuel Autonomy:** Integrated double-walled fuel tank
- **Control System:** Digital control panel with engine monitoring parameters, convenience receptacles (including GFCI outlets), and a high-current bus bar terminal connection with safety microswitches.

Distinguishing Performance Requirements by Size:

Kilowatt (kW) Size	Min Prime Power Output (kW / kVA @ 0.8 PF)	Estimated Fuel Tank Capacity	Required Trailer Design
26 kW	26 kW / 32 kVA	50 Gallons	Single Axle, Pintle Towable
36 kW	36 kW / 45 kVA	75 Gallons	Single or Tandem Axle, Pintle Towable
60 kW	60 kW / 75 kVA	100 Gallons	Tandem Axle, Pintle Towable
100 kW	100 kW / 125 kVA	150 Gallons	Tandem Axle, Pintle Towable

200 kW	200 kW / 250 kVA	250 Gallons	Heavy-Duty Tandem Axle, Pintle Towable

4. Brand Name Determination

- **Brand Name (yes or no)?** No
- **Brand/Company Name:** Not Applicable – Salient Characteristics Only / "Brand Name or Equal" is acceptable.