



28V DC Current Limiting Generator Specification

Optional Configurations



Available Options:
Auto Start/Shutdown
Custom Controls
Custom Enclosures
Custom Gauges
Electric Fuel Pump
Enhanced Air Filter
Remote Controls
Remote Starting/Stopping
Vehicle Mounting
Trailer Mounting



P/N 100950-501 (shown)

Battery Optimized Auto Start/Shutdown

The **Auto Start/Shutdown** feature equips the Dewey-501A-CL with an electric start controller that monitors the battery voltage and state of charge and automatically starts the generator when the battery voltage or state of charge reaches a pre-set value. The generator will charge the battery to a pre-set battery voltage or state of charge and then automatically shut the generator down. It also adjusts charge voltage for optimal battery charge, efficiency, and life. This feature requires a 24V DC source to operate (Power can be obtained from the host battery for starting, or a separate battery pack can be added to the generator configuration for starting).

Electric Fuel Pump with Remote Fuel Supply

An **electric, self-bleeding, fuel pump** addition allows the generator fuel system to connect to a remote fuel tank. This optional feature allows the user to supply a fuel tank remote to the generator for applications such as trailer or vehicle mounted power systems. The fuel pump has a 72-inch lift capacity and is integrally mounted within the open frame, supplying fuel directly to the engine (no generator mounted fuel tank). The fuel system contains a fuel filter and water separator.

Enhanced Air Filter System

Also available from Dewey is the **Enhanced Air Filtering System** that enables the generator to operate in high dust and sand environments. The Enhanced Air Filter System consists of a pre-filter assembly, a canister filter that allows the operation of the generator in high dust and sand environments.

Custom Enclosures

The Dewey 501A-CL generator can be enclosed for user defined applications. Noise reduction meets Tactical Quiet requirements. Enclosures are suitable for trailer or vehicle mounting and transport. Contact Dewey for further information on this option.

Usage:

- DC Power
- Portable Battery Charging Station
- Trailer Mounted Generator/Battery Charger

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