



Western Solid State

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300 AMP *VSTART* POWER DISCONNECT SWITCH



- Switches up to 300 Amps
- 200 Amp continuous current
- 5 Minute Automatic Shutdown with Override
- Excellent for vehicle and marine applications
- Driven by Patented Vstart Technology
- Vstart Allows for Life of Vehicle Operation
- Solid State Switching but no Heat Sink Required
- Power or Ground Activated
- Small Package
- Easy to Mount

The **Commander 300 Power Disconnect Switch** is a high DC current disconnect switch. Its microprocessor-based technology provides an effective and efficient means of switching up to 300 amps (peak) of current in a relatively small module (5" X 3.4", 2.25" in height). The technology called Vstart provides very long life high power switching in a small package. It also eliminates contact arcing and does not require heat sinking. The device features a 5-minute automatic shutdown, which can be easily overridden if required. Also, the Commander 300 has been designed to operate in twelve-volt systems, which makes it ideal for vehicle and marine applications. It is commonly used as the main switch to disconnect the heavy DC power loads in emergency vehicles. All of the switching and electronic circuitry is contained in an environmentally sealed enclosure.

DEVICE SPECIFICATIONS

Power In:

9VDC minimum input voltage.
16VDC maximum input voltage
20mA max without switching activated
1 Amp max with switching activated

Positive ON: minimum 9VDC to activate

Negative ON: maximum 0.3VDC

Ignition Cancel: maximum 0.

Power Out:

300 amp peak @ 12.8 Volts DC
200 amps continuous @ 12.8 Volts DC

Ground:

20mA without switching activated
1 Amp with switching activated

Ignition: minimum 9VDC to activate

Operating Temperature
-40 to + 85C