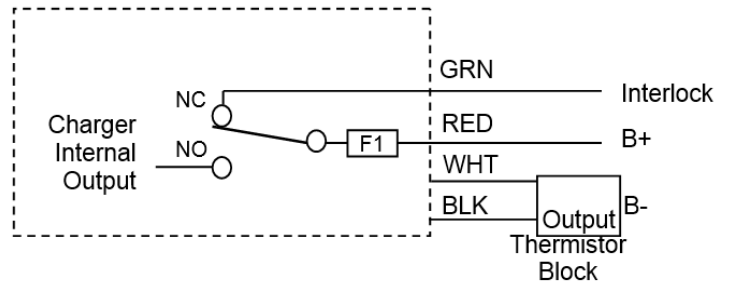


Standard DC Output

Simplified internal diagram of the charger's output connections.



Wire Color	Termination	Description	Wire Size	Notes
Red	3/8" Ring Terminal	Battery Positive	12AWG/3.3mm ²	It is recommended to install an appropriate size fuse from the battery terminal to the vehicle system. This may also prevent damage to the charger.
Black	3/8" Ring Terminal via Thermistor Block	Battery Negative	12AWG/3.3mm ²	Important: Connect the ring terminal with overmould directly to the battery negative post; if not, the sensor will not have accurate battery temperature information and charge performance may be affected. If this cable end is damaged, or if the negative wire needs to be separated from the thermistor, a Thermistor Repair Kit (Part Number 900-0002) is available.
White	Overmoulded Thermistor Block	Temperature Sensor Signal	12AWG/3.3mm ²	
Green	Female 1/4" Spade Terminal (ships shrouded)	Standard Interlock	12AWG/3.3mm ²	Internally connected to Battery Positive when charger is not connected to AC power. Important: Install a 1A fuse inline to avoid damage to the internal relay. Do not allow this wire to contact Battery Negative. NOTE: On 24V-72V units, the standard interlock will be set to B+ even when the charger is connected to AC Power when the charger is in Fault State 1, 2, or 6.