Disconnecting the charger from the battery always clears a fault. If the charger was factory-configured for on-board use, removing AC power from the charger also clears a fault. If a fault cannot be cleared after taking appropriate corrective action, contact your dealer for troubleshooting and/or service.

Charger Fault

Fault	Charge Status	Charge Complete	Description
(Red) LED	(Yellow) LED	(Green) LED	
Slow Blink	1	1	DC DISCONNECT – DC disconnect detected via the third-pin, but DC (battery) voltage is still present at the charger output. (Third-pin DC disconnect sensing is an optional feature available with supported DC plug/receptacle systems to minimize charger output inhibit time when a DC disconnect occurs during charging.)
Slow Blink	0	1	OVER TEMP – Maximum temperature was met. Charge cycle will restart when the temperature decreases.
Slow Blink	1	0	LOW DC – DC (battery) voltage is too low to start charging (< 10V).
Slow Blink	0	0	NO AC – AC power was lost during charging. Charge cycle will restart when AC power returns.
Slow Blink	1	Slow Blink	HARDWARE FAULT – Contact Lester Electrical.
Slow Blink	Slow Blink	0	HARDWARE FAULT – Contact Lester Electrical.
Slow Blink	0	1	HARDWARE FAULT – Contact Lester Electrical.

Fast Blink	N/A	N/A	HARDWARE FAULT – Contact Lester Electrical. Unit is still able to charge.

Battery Related Fault

Fault	Charge Status	Charge Complete	Description
(Red) LED	(Yellow) LED	(Green) LED	
1	0	0	PHASE – A fault condition (most commonly maximum time) was met during a particular charge cycle phase (start/bulk, plateau/absorption, finish, etc).
1	0	Slow Blink	MAX VOLTAGE – Maximum voltage was met.
1	0	1	MIN VOLTAGE – Minimum voltage was NOT met after a specified time from the start of the charge cycle.
1	Sllow Blink	0	MAX AMP-HOURS – Maximum amp-hours for the overall charge cycle was met.
1	Slow Blink	Slow Blink	MAX TIME – Maximum time for the overall charge cycle was met.

Figure 12-1: Charger LED States (Faults)