



LED INDICATORS

The charger includes three (3) LEDs to indicate charger status and fault information. The functionality of the LEDs is outlined below. If the charger is equipped with a remote LED assembly, this assembly also includes three (3) LEDs with identical functionality.

CHARGE STATUS (yellow)

Indicates charge cycle status. See Figure 11-1 for descriptions of the possible states.

CHARGE COMPLETE (green)

Indicates when a charge cycle completes successfully, when an extended Balance/Equalize charge cycle phase is active, or when a post-charge phase is active. See Figure 11-1 for descriptions of the possible states.

FAULT (red)

Indicates when a charger or battery fault has occurred. See the FAULTS section.

Charge Status (Yellow) LED	Charge Complete (Green) LED	Description
Slow Blink	Off	Bulk/Start charge cycle phase (constant power or constant current).
Fast Blink	Off	Absorption/Plateau charge cycle phase (constant voltage). Greater than 80% charged.
Solid On	Off	Finish charge cycle phase (constant current). Not all charge profiles include a Finish phase.
Off	Fast Blink	Balance/Equalize phase. An extended charge cycle is occurring because a trigger condition has been met (cycle count, etc). Not all charge profiles include a Balance/Equalize phase.

Off	Solid On	Charge cycle complete.
Off	Slow Blink	Charge cycle complete. Post Charge phase (constant voltage float, etc). Not all charge profiles include a Post Charge phase.

Figure 11-1: Charger LED States (Non-Fault)