

# G3500

**3.5A** (3500mA)

## Key Specs

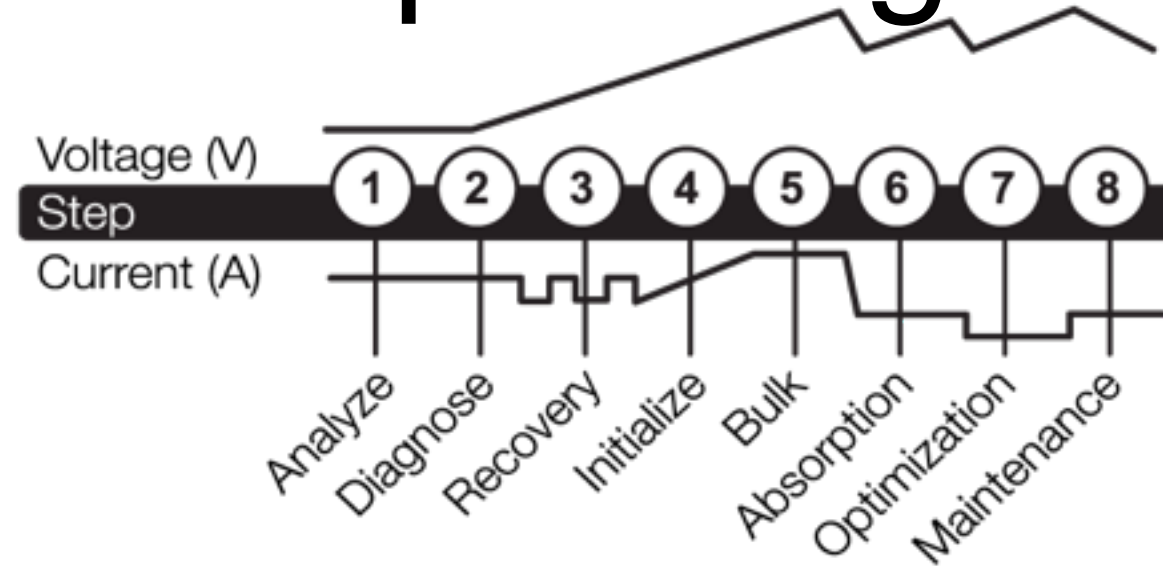
- Charging Current: 3.5A
- Battery Types: 6V & 12V
- Charger Type: 8-Step Smart Charger
- Battery Chemistries: Wet, Gel, MF, CA, EFB, AGM and LIB
- Battery Capacities: 2-120Ah
- Low Voltage Detection: ~2V
- Housing Protection: IP65
- Cooling: Natural Convection



Intertek  
4001276

CONFORMS TO UL STD. UL1236  
CERTIFIED TO CSA STD. C22.2 No.107.2

## 8-Step Charge Profile



### Step 1 & 2: Analyze & Diagnose

Checks the battery's initial condition, including voltage, state-of-charge and health, to determine if the battery is stable before charging.

### \*Step 3: Recovery

Initializes the Recovery desulfation process (if needed) for deeply discharged or sulfated batteries by pulsing small amounts of current.

### Step 4: Initialize

Starts the charging process with a gentle (soft) charge.

### Step 5: Bulk

Begins the Bulk charging process based on the condition of the battery and returns 80% of the battery's capacity.

### Step 6: Absorption

Brings the charge level to 90% by delivering small amounts of current to provide a safe, efficient charge. This limits battery gassing and is essential to prolonging battery life.

### Step 7: Optimization

Finalizes the charging process and brings the battery to maximum capacity. In this step, the charger utilizes multi-layered charging profiles to fully recapture capacity and optimize the specific gravity of the battery for increased run time and performance. The charger will switch to Maintenance if the battery tells the charger that more current is needed.

**\*NOTE: Step 3 is disabled when using 12V Lithium Mode. Lithium-ion batteries cannot handle pulse charging and can cause damage to the battery.**

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