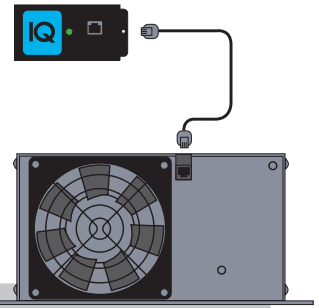


# IQ SMART-CHARGING JUST GOT SMARTER!

- Automatic, adjusting charge control for your battery application!
- Compatible with any standard 15A to 90A DLS unit!
- Simply plugs into the DLS Dual Voltage Jack!



## **IQ4** - Great for Storing Your Flooded Lead-Acid Batteries

Our traditional IQ4 Smart Charge Controller delivers 4 basic charging functions: BULK, ABSORPTION, FLOAT, and a seven-day MAINTENANCE cycle. The IQ4 is an excellent way to maintain your stored flooded lead acid batteries, such as in an RV that is parked for extended periods of time. **54V** and **Parallel Charging** options also available.



## **IQ-TURBO** - Rapid Charging for Continually-Cycled Batteries

The IQ-Turbo delivers a powerful yet controlled BULK charge to help charge batteries in minimal time. Perfect for batteries that are used frequently but have limited time for re-charging from a generator, solar panel system, or other auxiliary supply.



## **IQ-EQUALIZER** - On-Demand Bulk Charging

The IQ-Equalizer is a useful charge control tool that initiates a constant current BULK charge to your flooded lead acid battery, ensuring that all cells receive an adequate, complete charge in an abbreviated timespan. After a predetermined period, the IQ-Equalizer drops into a trickle charge until re-inserted for additional equalization.



## **IQ-LIFEPO** - for Lithium-Iron Batteries with BMS

The IQ-LIFEPO is tailored for use with today's state-of-the-art LiFePO4 batteries that use a Battery Management System. The IQ-LIFEPO allows the DLS to deliver proper voltage to charge the larger 4-cell design of the battery and remains in a stand-by trickle mode ready to deliver a fresh BULK charge when needed.



## **IQ-GEL** - Confident Charging for Gel batteries

The IQ-GEL features an extended BULK stage but with a slightly decreased voltage that is just right for Gel lead-acid batteries. After a period of seven days, the IQ-GEL will initiate the standard Maintenance cycle to ensure the battery remains in peak charged status.



## **IQ-AGM** - Tailored Absorption Charging for AGM batteries

The IQ-AGM provides preferred charging for AGM (Absorbed Glass Matt) batteries by skipping the Bulk cycle and holding the battery at an optimized ABSORPTION stage before reverting to the FLOAT stage.



## **IQ-40-HOUR** - Extended Bulk Charging for Larger Systems

For lead-acid battery banks with increased Amp-Hour ratings, the IQ-40-Hour delivers an extended Bulk charge duration to service the larger capacity before reverting to standard ABSORPTION, FLOAT, and MAINTENANCE modes.

**YOUR BATTERY MAY CHANGE...  
YOUR CHARGER SHOULDN'T HAVE TO.**



**IOTA IQ Smart Charge Controllers** enhance performance of your **IOTA DLS** Battery Charger to accommodate the unique demands of your battery application, providing **automatic** charge control for faster overall charging and better maintenance for optimal battery life!

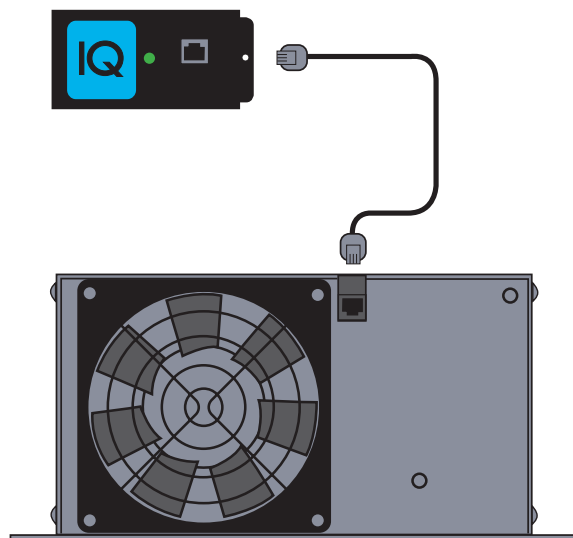
Whether you are using a flooded lead-acid, deep-cycle gel, AGM, or state-of-the-art LiFePo<sup>4</sup> battery, the IQ smart charger allows your DLS charger to do it all! Need some additional control? IOTA IQ models offer solutions for rapid 'turbo' charging, battery equalization, and extended charging periods for large capacity batteries.

### **INSTALLATION**

Installation of the IOTA IQ Smart Charge Controller is easy! Simply plug the IQ control module into the Dual Voltage Jack\* of your IOTA DLS Battery Charger and the IQ Smart Charge circuitry is automatically engaged. The LED indicator on IQ module will activate as it detects your battery and begins the smart charging process, delivering automatic trouble-free maintenance of your battery system!

\*Location of the Dual Voltage Jack may vary depending on the IOTA DLS model.

**Note:** External IOTA IQ Smart Charge Controllers are not compatible with DLS with internal IQ charge control. Current models are designed for 12V and 24V DC applications. Contact Customer Service for 48V options.



***Learn more about our IQ Charging Profiles at [www.iotaengineering.com/IQ](http://www.iotaengineering.com/IQ) or call our friendly IOTA Technical Support Team at 1-855-363-9527!***

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