

REVOLUTION PowerCycle

AUTOMATED BATTERY DISCHARGER/CYCLER/CONDITIONER

The Revolution PowerCycle is an integrated battery performance enhancing system with a 10 kW constant current discharger and a 15.6 kW charger.

The REVOLUTION PowerCycle reduces sulfate buildup to prolong the life and maintain the capacity of your batteries. The REVOLUTION PowerCycle has a separate dedicated desulfation cycle for those more heavily sulfated batteries, where simply cycling is not sufficient to fully restore capacity. The REVOLUTION PowerCycle provides an unmanned discharge/cycling/charge solution for your material handling needs.

Features

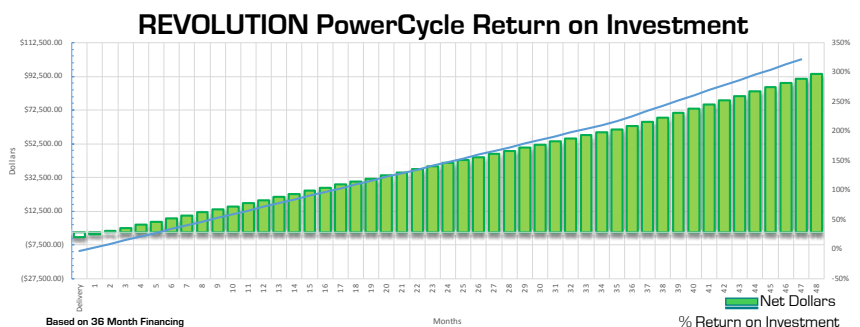
- + Three solutions in one: battery discharger, battery cycler and battery charger
- + Constant and controlled discharge rates
- + Fully programmable discharge and charge cycles
- + 24V-80V battery voltage operation

Benefits

- + Increase run time in sulfated batteries
- + Lower service and maintenance costs
- + Assess and restore battery capacity
- + Performs unattended charge and discharge cycles
- + Obtain detailed reports and charts

Save Money with the PowerCycle

The REVOLUTION PowerCycle restores battery capacity, giving you the ability to reuse old and sulfated batteries. The PowerCycle can be used for annual maintenance to considerably prolong the lifespan of your batteries. The PowerCycle is an investment with great return possibilities.



Features

- + **Modular Design**
- + **IGBT and MOSFET**
 - Constant and Controlled Discharge Rates
 - Wide Battery Voltage Operation: 24V-80V
- + **Fully Programmable Discharge Cycles**
 - Discharge Rate
 - Elapsed Time
 - Low Voltage Cutoff
 - Variable Load Profile
- + **Obtain detailed reports and charts**
- + **Perform unattended discharge cycles**
- + **Programming functionality from front LCD screen**
- + **Determine battery capacities and help identify defective batteries or cells**
- + **When a bad cell is detected, it can be jumpered out and discharge continued, by setting a lower intermediate voltage for the battery**
- + **Advanced data logging capability with Fluke Cell Monitor Meter+** * Sold Separately
- + **Easily connected to a computer to display in real-time, analyze, and archive discharge data**
- + **Available for 240 or 600 volt input, with external transformer option**

PowerCycle Specifications

Model	RVC12-15kW-48V	RVC12-15kW-80V
Output Voltage	24V/36V/48V	24V/36V/48V/72V/80V
Maximum Output Power	15.6kW	15.6kW
Input Voltage	480VAC 3 Phase +/- 10%	480VAC 3 Phase +/- 10%

Operating Battery Specifications

Battery Voltage	24V - 48V Nominal	24V - 80V Nominal
Discharge Current	250A+ maximum, 10kW maximum	250A+ maximum, 10kW maximum
Charge Current	300A+ maximum, 15.6kW maximum	156A maximum, 15.6kW maximum

Interface

Communication Wireless, via PT Link* and PowerCharge DataLink software

*Current decreased for 48V and higher

*PowerTrac Link sold separately

Your Complete Power
Solution Provider



Power Designers Sibex
430 North Suncoast Blvd. • Crystal River, Florida 34429
+1.352.795.0101 • sales@powerdesigners.com
www.powerdesignerssibex.com

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