

PowerCycle

AUTOMATED BATTERY DISCHARGER/CYCLER/CONDITIONER

The PowerCycle is a battery discharger with 20kW battery cyclor/conditioner charger. The PowerCycle reduces sulfate buildup to prolong the life and maintain the capacity of your batteries. The PowerCycle provides an unmanned discharge/cycling/charge solution for your material handling needs.

Features

- + Three solutions in one: battery discharger, battery cyclor and battery charger
- + Constant and controlled discharge rates
- + Fully programmable discharge and charge cycles
- + Wide 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

20 KW PowerCycler:	\$ 25,184.00
Estimated freight:	\$ 260.00
Total	\$ 25,444.00

10% Down payment:	\$ 2,544.40
Monthly payment:	\$ 731.36*
	for 36 Months

*Plus Applicable State & Local Taxes



Return on Investment

Estimated Revenue Opportunities

Average billable load / capacity test:
 $\$480 \times 4 \text{ per month} = \$1,920 \times 12 = \mathbf{\$23,040/\text{year}}$

Average billable battery full re-conditioning:
 $\$840 \times 4 \text{ per month} = \$3,360 \times 12 = \mathbf{\$40,320/\text{year}}$

Reconditioned and re-sold as used:
 $\$1800 \times 4 \text{ per month} = \$7,200 \times 12 = \mathbf{\$86,400/\text{year}}$



Save Money with the PowerCycle

The 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.

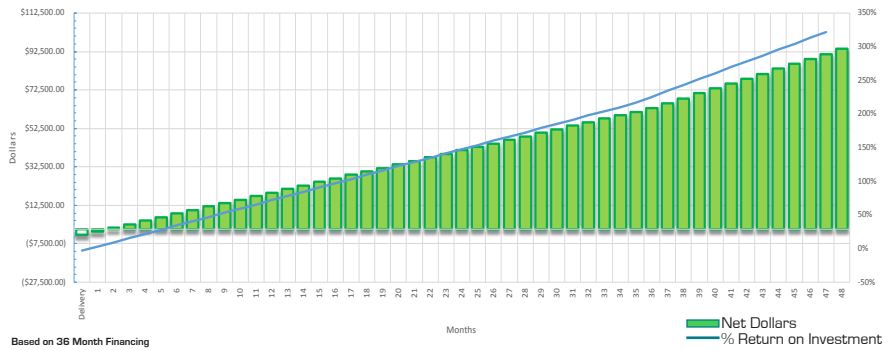
Features

- + **Modular Design**
- + **Solid State IGBT Technology**
 - Constant and Controlled Discharge Rates
 - Wide Battery Voltage Operation: 24V-48V
- + **Fully Programmable Discharge Cycles**
 - Discharge Rate
 - Elapsed Time
 - Low Voltage Cutoff
 - Variable Load Profile
- + **Obtain detailed reports and charts**

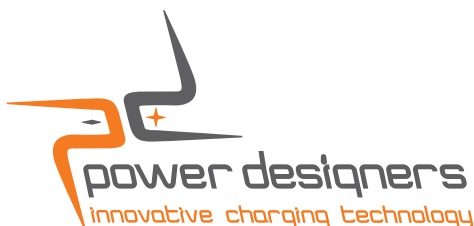
PowerCycle Specifications

Model	PCYFC-20KW-250A Two Drawer Charger
Maximum Output Power	20kW
Input Voltage	480VAC, 3-Phase + 10%
Operating Battery Specifications	
Battery Voltage	24V - 48V Nominal
Discharge Current	250A Max power limited
Charge Current	500A Max at 36V 400A Max at 48V
Interface	
Communication	Isolated RS-485 bus

PowerCycle Return on Investment



- + **Perform unattended discharge cycles**
- + **Programming functionality from front LCD screen**
- + **Determine battery capacities and help identify defective batteries or cells**
- + **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**



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ISSUED: 06/2016 PD-PC-C
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