



## 2-Station HD Recovery Charger

### Recover, Charge and Desulfate up to Two 12-Volt Batteries

- Recover batteries previously thought dead
- Works on all types of 12-Volt batteries (VRLA, AGM, gel and flooded cell)
- Recover, Charge, Maintain and Desulfate two 12-Volt batteries
- Extends battery life up to five times
- Easy to use “plug and play” technology
- Rugged HPX case for industrial shop use
- Works anywhere in the world with detachable IEC connector
- Completely safe with spark free operation
- 1-Year Limited Warranty



The 2-Station HD Charger recovers, charges, maintains and desulfates two 12-Volt lead-acid batteries (VRLA, AGM, gel and flooded cell) at a time anywhere in the world. There's no need to buy new batteries when you can recover old ones previously thought 'dead'. Each of the two stations operate in isolation from one another allowing each battery to be recovered, charged and desulfated independently.

Each channel profiles the condition of each battery and then automatically cycles through a recovery and charge process that applies the correct charge (variable up to 6A) and our optimized high frequency, patented Pulse Technology waveform to each battery. Pulse Technology removes and prevents the buildup of damaging lead-sulfate deposits on battery plates in a non-harmful way, so a battery can accept, store and release maximum power all the time.

Five LED indicators next to each cable connection show the status of each battery. With a one switch control and progressive, easy-to-understand LED information display (battery disconnected, bad battery, recovery charge, pulse charge, charge complete) the SC-2 is both easy to use and understand. With only one switch to turn the unit on, there are no additional dials to set and no possibility of ever overcharging or overheating your batteries, allowing peace of mind and minimizing time spent monitoring batteries.

The SC-2 is compact and portable allowing you to recover batteries on a pallet, in a shop or wherever they're being stored. The flexible, replaceable cables fit in the case for compact storage and are easy to disconnect and safely move to the next battery since no current flows through the cable until connected to the battery.

### Specifications

Input Electrical	
Input Voltage:	100-240 VAC
Input Current:	2.5 Amps per channel at 100 VAC (all outputs @ 6 Amps)
Input Frequency:	50-60 Hz
Min. Voltage for Startup:	4 Volts
Output Electrical	
Output Current:	6 Amps/channel, 12 Amps Max
Output Voltage, Bulk Charge:	14.8 Volts
Absorption to Float Charge Threshold:	14.2 Volts and Charge Current < 0.75 Amps
Desulfating Pulse Peak Amplitude:	250 mA
Desulfating Pulse Frequency:	22kHz to 28kHz
Pulse Rate Time:	1µS

Mechanical/Physical Characteristics	
Dimensions:	14.5" x 11.75" x 6.25"
Weight:	10 lbs.
Shipping Weight:	12 lbs.
Enclosure:	Black HPX Plastic
Battery Cable Length:	96" – 14 AWB from box to battery clamps
Environmental	
Operating Temperature	0°F to 130°F (-18°C to 54°C)
Storage Temperature	0°F to 150°F (-18°C to 66°C)

Battery Indicators	
Battery Disconnected	Bad Battery
Recovery Charge	Pulse Charge
Charge Complete	Reverse Polarity
Temperature Shutdown	

### Ordering Information

746X814  
SC-2

Part Number  
Model Number

**PulseTech**  
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