

# PRO-LOGIX

## Model No. PL4050 BATTERY MAINTENANCE STATION



Compatible with a wide variety of battery types:

**AGM**

**DEEP  
CYCLE**

**+ FLOODED  
- BATTERY**

**SPIRAL  
SW  
WOUND**

**MARINE  
BATTERIES**

### Model No. PL4050 Intelligent Battery Maintenance Station - 6/12 Volt, 5 Amp x 4 Channel

Model PL4050 is a perfect charger to meet the needs of mechanical repair shops, collision repair facilities, fleet operations, marinas and consumers. It features four independent output channels, each designed to properly charge a standard flooded or AGM battery (including Spiral Wound). Because each output is independent of the others, a troublesome battery on one channel does not create problems for the other channels.

**PRO-LOGIX** battery chargers from **SOLAR** are designed to provide continuous operation in a wide variety of professional/industrial battery service environments. They combine fully automatic operation utilizing a proprietary multi-phase charging process with the ability to properly charge multiple battery types. Advanced charging logic, robust components, quick set-up and smart display feedback mean effective and efficient charging for your operation.

The PL4050 provides both battery charging and battery maintenance capabilities. It functions as an automatic battery charger to bring depleted batteries to full charge so that they can be put back into service. Plus, it functions as an advanced automatic battery maintainer, conditioning and maintaining batteries in long term storage charging situations.

**INTELLIGENT • BENEFICIAL • SAFE • VERSATILE**

**4 CHARGING  
CHANNELS**

**TEMP  
COMP**

Temperature Compensation



Each output channel is equipped with a quick attach connector, allowing connection of a standard clamp output or an extension cord, which allows for short clamp or short ring terminal accessory connection.

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### AUTOMATIC OPERATION

Just connect the unit, choose your battery type, and the maintainer does the rest!

### INDEPENDENT CHANNELS

Each of the 4 charging channels is completely independent, allowing any combination of battery types to be charged simultaneously.



### SEALED CASE

Keeps dust and debris out of the maintainer for durability and long life.

### 6/12V CHARGING CHANNEL

Bank 4 now provides the additional feature of 6 volt charging.

### ACCESSORY KITS

#### PLA61

Replacement  
Clamp Set

#### PLA62

10' Extension  
Cord

#### PLA63

Short Length  
Clamp Set

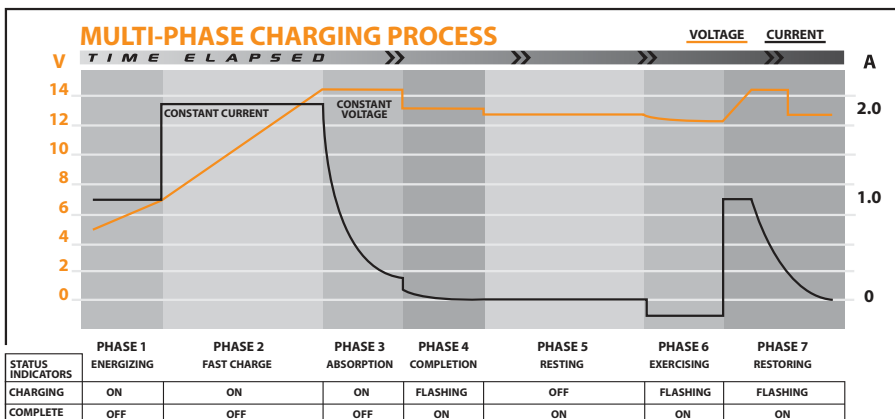
#### PLA64

Short Length  
Ring Terminal Kit

The **PRO-LOGIX** charging process results in improved battery condition and restored reserve capacity. Special **SOFT START** and **RECONDITION** routines automatically engage as needed. Forced Start capability allows easy management of even depleted batteries. Whether a battery is new or in need of reconditioning, **PRO-LOGIX** delivers an optimal charge every time.

## ADVANCED CHARGING LOGIC

*Soft Start*  
MODE



### BENEFICIAL CHARGING / SUPERIOR LONG TERM CHARGING

The multi-phase **PRO-LOGIX** charging process ensures optimal energy delivery to each battery charged. Its maintenance mode routine is less stressful than alternative approaches, ensuring that batteries on extended seasonal charge are kept fresh and ready for service. The **PRO-LOGIX** routine even exercises the battery to properly prepare it for the maintenance charge.

