

Pro Series

BATTERY CHARGERS

WHAT IS A
MCU
BATTERY
CHARGER?

WHAT'S THE
DIFFERENCE BETWEEN
A STANDARD
CHARGER AND
AN MCU CHARGER?

WHO NEEDS A
MCU
BATTERY
CHARGER?

WHAT KIND OF
BATTERIES
CAN I CHARGE?

???????

FAQ'S
ANSWERED
OVER THE
PAGE

CHS075
6/12V 750mA



MCU070
12V 7000mA



MCU036
12V 3600mA



MCU1000
12V 10,000mA



*LATEST
TECHNOLOGY*

BATTERYLINK

CHOOSE THE MODEL THAT SUITS YOUR NEEDS:

FEATURES	CHS075	MCU036	MCH070	MCU1000
CHARGES 6V LEAD ACID BATTERIES	✓			
CHARGES 12V LEAD ACID, GEL & AGM BATTERIES	✓	✓	✓	✓
CHARGES 12V CALCIUM-CALCIUM BATTERIES			✓	
REVERSE POLARITY PROTECTION	✓	✓	✓	✓
MAINTENANCE CHARGE	✓	✓	✓	✓
SPARK PROOF	✓	✓	✓	✓
DIRECT BATTERY CONNECTORS AND ALIGATOR CLIPS	✓	✓	✓	
AUTOMATIC CONTROL	✓	✓	✓	✓
ONE TOUCH CONTROL		✓	✓	✓
CHARGING INDICATION	✓	✓	✓	✓
IP65 - CAN BE USED OUTSIDE		✓	✓	
MOUNTABLE OPTION		✓	✓	
CAN BE USED AS A 12V POWER SUPPLY			✓	
12V ACCESSORY ADAPTOR			✓	
16V BOOST			✓	
CAN BE USED AS JUMP STARTER				✓
STORAGE COMPARTMENT FOR LEADS				✓

FAQ OVER THE PAGE >>>

Pro Series BATTERY CHARGERS

FAQ

Q. What does MCU stand for?

A. MCU stands for **MICRO-PROCESSOR CONTROLLED UNIT**. Similar to the processor found in modern computer systems.

Q. What is a MCU battery charger?

A. Commonly known as "Smart" chargers, an MCU battery charger controls the amount of charge delivered by digitally monitoring the entire charging process and then determining the appropriate charging rate and voltage necessary to keep the battery in good working order.

Q. Who needs a MCU charger?

A. MCU battery chargers are ideal all for vehicles but are especially useful for those who own a jet skis, boats, caravans, ride-on mowers, show cars or vehicles that aren't used regularly and therefore require external charging.

Q. What's the difference between a standard charger and a MCU charger?

A. Unlike a conventional transformer battery charger, the Pro Series range can be used on a variety of battery types. They can be connected for long periods of time without causing damage and are very successful in recovering heavily sulfated batteries that are not recoverable with conventional chargers. When used regularly they are effective in extending the life of most starting and deep cycle batteries.

Q. What kind of batteries can I charge?

A. They will charge common lead acid starting batteries as well as maintenance-free, GEL, AGM and Calcium-Calcium models. Not all chargers are compatible with all batteries so here is a brief summary of the range:

- CHS075 - 6/12V Lead Acid, Gel & AGM starting batteries
- MCU036 - 12V Lead Acid, Gel & AGM starting batteries
- MCU070 - 12V Lead Acid, Gel & AGM starting batteries & Calcium-Calcium batteries
- MCU1000 - 12V Lead Acid, Gel & AGM starting batteries

Q. How long can I leave the charger connected to the battery?

A. With MCU technology the charger constantly monitors the charge delivered which means you can leave the battery connected for extended periods of time and know that it will be fully charged when it comes time to use it.

Q. Can I overcharge/damage the battery using an MCU charger?

A. No! Having a Pro Series chargers connected regularly will improve & extend battery life.

Q. Do I have to remove the battery from the vehicle?

A. No! Unlike conventional chargers the MCU charger can operate even while the battery is still connected to the vehicle.

Q. Can the charger be permanently mounted?

A. Both MCU036 and MCU070 models can both be permanently mounted.

Q. Can I use the charger as a power supply?

A. With the MCU070, you can! This charger comes with a 12V power supply (5 amp) delivered via a normal cigarette lighter accessory socket.

Q. Can I use the charger to jump start my car battery?

A. Yes, the MCU1000 also includes a jump start feature.

Q. Can I use the charger outside?

A. Yes! MCU036 & MCU070 Pro Series chargers are IP65 rated, which means they are sealed against dust and protected against low pressure water jets from any direction.

Q. Where can I get more information about these chargers?

A. Our website [www.haigh.com.au] has general information about our chargers, charging rates and diagrams explaining this unique charging process.

Q. How can older style chargers damage a battery?

A. When a charger is left connected to a 'charged' battery and voltage is not regulated the electrolyte starts 'gassing' and electrolyte is lost – in some cases it may expose the plates of the battery.

Q. What is different about Calcium-Calcium batteries?

A. These batteries require a higher voltage to fully recharge and generally don't require topping up with fluids. They don't like high under-bonnet temperatures and don't discharge as quickly when not in use. Check with your battery manufacturer/distributor for special requirements on different Calcium-Calcium batteries and their recommended charging.

Q. How does a MCU charger prevent a battery from Sulfating?

A. Sulfation is the cause of approximately 85% of premature battery failure and occurs when a battery's state of charge drops below 100% for long periods or through undercharging. Maintaining a battery using a MCU charger will reduce the likelihood of premature sulfation.

Q. When should I recharge a deep cycle battery?

A. As soon as practical after use.

