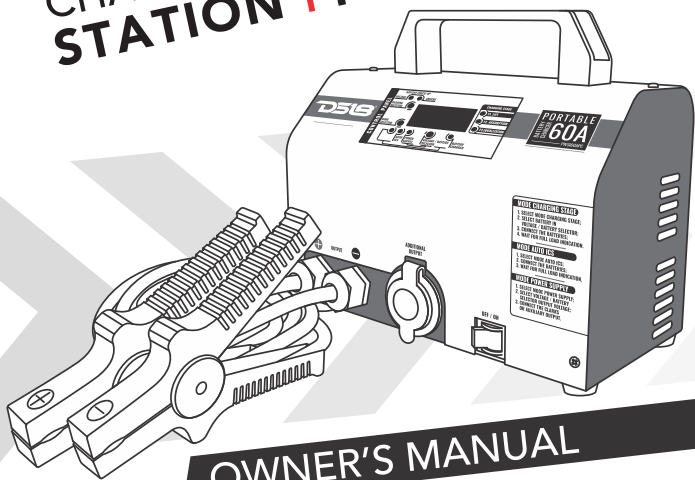


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BATTERY CHARGING STATION | **BC60LP** PROCHARGER



OWNER'S MANUAL

BATTERY CHARGING STATION

BC60LP

PROCHARGER

The BC60LP is a high power 12V power supply and battery charger intended for home use, enabling its use in a variety of situations, as described below:

- Departure by car;
- Charging and recovery of worn batteries;
- Powering 12V plug automotive equipment such as tire calibrators, vacuum cleaner, mobile phone / tablet chargers.

OPERATING MODES

MODE	ADVANTAGES	DISADVANTAGES
CHARGING STAGE	<ol style="list-style-type: none">1. Recover battery2. Increases battery life	<ol style="list-style-type: none">1. Long time to charging $\geq 12h$
AUTO ICS	<ol style="list-style-type: none">1. Quick start in the car2. Fast charge	<ol style="list-style-type: none">1. Fully discharged battery may occur heating
POWER SUPPLY	<ol style="list-style-type: none">1. Adjusting the voltage of 8 level output2. Connect devices on take 12 volts	<ol style="list-style-type: none">1. Not indicated for battery charging

STEP BY STEP CHARGING STAGE MODE

Step 1: Press MODE selector until LED CHARGING STAGE lights up

Step 2: Press VOLTAGE/ BATTERY selector and select the capacity of the battery to be charged or the nearest value

Note: If you have more than one battery, add the capacity of all and then select the nearest value.

Step 3: Connect the Red (+) and Black (-) clamps on the battery poles;

Step 4: The battery will be fully charged when the FULL CHARGE led lights up.

Note 1: Phase 1, 2 and 3 LEDs indicate which phase the charging is in.

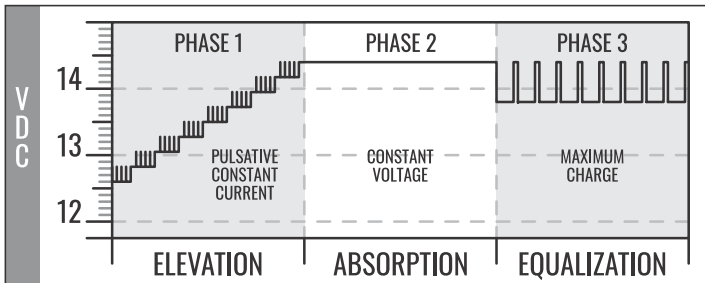
Note 2: For recovery of exhausted batteries, it is recommended to leave the power on for an additional 24 hours after the full charge indication LED is lit. (Phase 3 pulsating charge will be reactivating the battery).

Note 3: The charger can be constantly connected to the battery without any damage to it.

Note 4: If the full charge indication LED does not light up, it means that the battery cell may be shorted and impossible to recover.

CHARGING STAGE OPERATION DESCRIPTION:

Charges the battery in 3 phases (lift, absorption, equalization). Ideal for recharging / recharging the batteries when they are low, thus obtaining maximum efficiency without wearing, which increases the life of the battery.



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STEP BY STEP AUTO ICS MODE

Step 1: Press MODE selector until AUTO SCI led turns on;

Step 2: Connect the Red (+) and Black (-) clamps on the battery poles

Step 3: The battery will be fully charged when the full charge led lights up.

Note: The Source can be constantly connected to the battery without any damage to it.

AUTO SCI MODE OPERATION DESCRIPTION

Mode when fast charging (Phase 2) to the battery(s) is desired as it will maintain maximum output power (14.4V) and will enter the SCI pulsed system (Phase 3) when the battery(s) are charged and are in pulsating float.

STEP BY STEP POWER SUPPLY

Step 1: Press MODE selector until POWER SUPPLY lights up

Step 2: Press VOLTAGE / BATTERY selector and choose charger output voltage from the following values: 12.6V / 12.8V / 13.0V / 13.2V / 13.8V / 14.0V / 14.2V / 14.4V

Step 3: Connect the Red (+) and Black (-) clamps to the equipment to be powered or use the 12V socket for equipment with this connection.

Note: When connecting an accessory such as the tire gauge, select 14.4V at the output to get higher compressor power, and thus calibrate the tire faster

BATTERY CHECK-UP

Note: The battery must be discharged

Step 1: Press READ switch until VOLTAGE and CURRENT LEDs light simultaneously

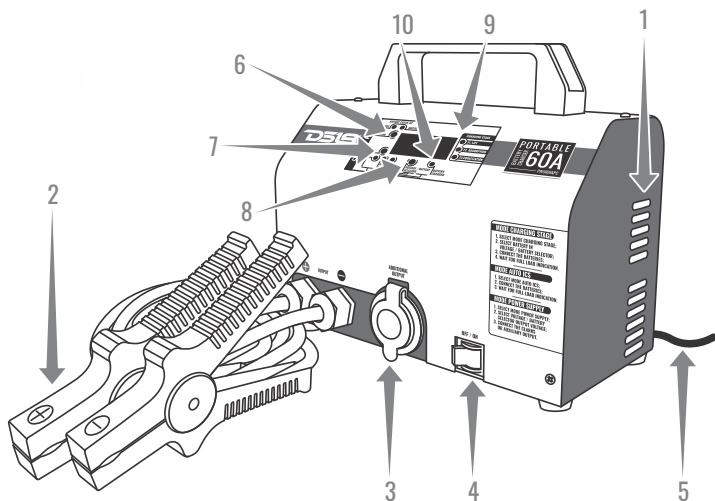
Step 2: If the display is not showing 000, hold down the READ switch until the display shows 000

Step 3: Select SLOW LOAD mode (3.1) and follow all steps described in this item.

Step 4: When the full charge LED indicator lights up, the display will show the amount of charge absorbed by the battery.

Example: If the selected battery is 40A and the indicator is 23A, then your battery has accumulated 23 Ah, and this is the current capacity

DESCRIPTIONS



- 1) Air inlet / outlet, intelligent ventilation, do not obstruct
- 2) Red (+) and Black (-) clamps for connecting to battery poles
- 3) 12V / 10 Amp outlet
- 4) On-off switch
- 5) Mains power cable, automatic bi-volt (110/220)
- 6) Read Selector Switch:
 - Source output voltage
 - Source output current
 - Battery check up, (2 LEDs on)
- 7) Operation mode selector switch:
 - Charging stage mode
 - ICS auto mode
 - Power Supply mode
- 8) Battery capacity selector switch to charge in charging stage mode and power supply output selector
- 9) LED indicators of the phase status
- 10) Full charge led indicator, for battery recovery, keep the charger will be on for 24 hours even after this indication.

IMPORTANT TIPS

1. Prioritize charging the batteries at a slow charge, thus accumulating more charge and extending the life of the battery
2. If the batteries are discharged, charge only in slow charge mode to avoid overheating and overcharging.
3. We recommend that if the source is used to play car sound, turn it on in AUTO SCI mode as soon as you turn on the sound.

TECHNICAL SPECIFICATIONS

BATTERY CHARGER BC60P PORTABLE	Input (Automatic B/Molt)	90 to 140Vac / 170 to 240Vac
	Consumption with Maximum Load	900W
	Maximum Output Current	60 Amps
	Selectable Voltage Output	12.6V / 12.8V / 13.0V / 13.2V / 13.8V / 14.0V / 14.2V / 14.4V
	Intelligent Charging System	13.8 / 14.4 cyclic
	3 Phase Slow Charge System	Lifting / Absorption / Equalization
	Intelligent Ventilation System	PWM dynamic control
	Voltmeter Accuracy	99%
	Ammeter Accuracy	96%
	Protections	Overload / Short on Output / Temperature
	Dimensions W x H x D (mm) without cables	204 x 170 x 123
	Cable Length Grab (meter)	1.5
Weight Kg		

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