

YCX 5.0 SMART CHARGER

NEW GENERATION TECHNOLOGY FOR THE CONSUMER

**The Yuasa YCX 5.0 – state of the art Smart Charger
Identifies and rectifies battery-related problems
including high demand AGM batteries.**

The Yuasa YCX 5.0 is a fully automatic 8-stage Smart Charger delivering selectable 0.8A or 5A to 12V batteries from 1.2–110Ah and is suitable for maintenance charging up to 160Ah including high demand AGM batteries.

Robust, splash and dust proof (IP65 classification) and designed to protect vehicle electronics this Smart Charger is, spark free, protected from polarity reversal, short circuit proof and comes with a 5 year warranty.

The YCX 5.0 has a unique display – allowing the user to follow every stage of the entire charging process. With full diagnostic capability it automatically tests the battery indicating, via clear LED read out, the battery condition and suitability for charging, the ability hold the charge and, therefore, whether the battery needs replacement. It also features a battery reconditioning function to restore stratified and deeply discharged batteries and a unique maintenance charging programme which are designed to extend life and battery performance. The in-built temperature sensor guarantees optimised charging performance whatever the weather.



TECHNICAL DATA

CHARGING VOLTAGE	14.4 / 14.7 / 15.8V
CHARGING CURRENT	Max 5A
TYPE OF CHARGER	8-stage, fully automatic charging cycle
TYPE OF BATTERY	12V lead-acid batteries
BATTERY CAPACITY	1.2 – 110Ah, up to 160 Ah for maintenance
INSULATION	IP65 (splash and dust proof)

 Fully automatic for optimal charging

 For all lead-acid batteries

 For charging in cold conditions and AGM

5 YEAR WARRANTY

YCX 5.0 SMART CHARGER

FEATURES

- 8 stage, temperature compensated, fully automatic charging and maintenance extending battery life and performance
- Patented maintenance charge function for extended life and performance
- Reconditioning function for deep discharged batteries
- Patented desulphation function that extends the battery life
- Non-sparking, short-circuit proof and reverse-polarity protected
- Automatic detection of failing and end-of-life batteries requiring replacement
- Robust, water-resistant construction for use in all weathers
- A range of accessories for multiple battery use adaptation, including high demand AGM.
- Single charger for the car, motorcycle, leisure vehicles and garden machinery.



CONNECT AND FORGET

- 1 CONNECT THE CHARGER TO THE BATTERY
- 2 CONNECT THE CHARGER TO THE WALL SOCKET – Power-on lamp lights.
- 3 PRESS THE MODE-BUTTON TO SELECT CHARGING PROGRAM.



Small sized batteries



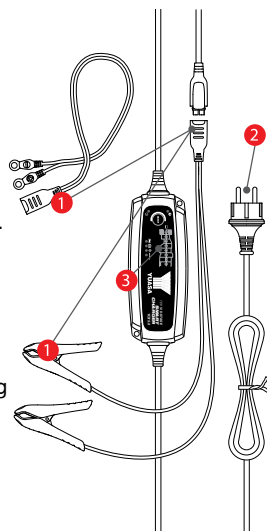
Medium sized batteries



Charging in cold conditions and AGM batteries requiring 14.7V charging

RECOND Reconditioning of deeply discharged batteries

- 4 ...AND READY.



UNIQUE 8-STAGE CHARGING FROM YUASA



1 STAGE 1 DESULPHATION

Pulsing voltage removes sulphates from the lead plates of the battery restoring the battery capacity.

2 STAGE 2 SOFT START

Tests if the battery can accept charge. Charging begins if the battery is OK.

3 STAGE 3 BULK

Charging with maximum current until approximately 80% battery capacity.

4 STAGE 4 ABSORPTION (READY TO USE STATE)

Charging with declining current to maximize up to 100% battery capacity.

5 STAGE 5 ANALYSE

Tests if the battery can hold charge. Batteries that cannot hold charge may need to be replaced.

6 STAGE 6 RECONDITION

Reconditioning function for deeply discharged batteries, if required

7 STAGE 7 FLOAT (FULLY CHARGED STATE)

Maintaining the battery voltage at maximum level by providing a constant voltage charge

8 STAGE 8 PULSE (MAINTENANCE CHARGING)

Maintaining the battery at 95–100 % capacity. The charger monitors the battery voltage and gives a pulse when necessary to keep the battery fully charged.

5 YEAR WARRANTY
GUARANTEED QUALITY WITH YUASA

Yuasa offers a 5 year warranty on all professional chargers. Yuasa customer support is available to answer any questions related to charging and Yuasa chargers. Safety, simplicity and flexibility characteristics all products and solutions developed and sold by Yuasa supply chargers to more than 60 countries throughout the world. Yuasa is also a reliable OEM supplier to many of the world's most prestigious car and motorcycle manufacturers. Contact customer support: info@xxxxx.com