



YCX 25L SMART CHARGER

PROFESSIONAL BATTERY CARE - CONTINUOUS 13.6V POWER SUPPLY FOR VEHICLE MEMORY MAINTENANCE

The Yuasa YCX 25L – Workshop Smart Charger. Quick and simple charging to rectify battery related problems.

The Yuasa YCX25L is a fully automatic 8-stage Smart Charger delivering 25A to 12V batteries from 40–500Ah, and is also suitable for outdoor use (IP44 classification). Designed to protect vehicle electronics, this Smart Charger is spark free, protected from polarity reversal, short circuit proof and comes with a 2 year warranty.

To allow for in-vehicle battery charging the YCX 25L is supplied with a 6m long, high grade copper cable and a non-scratch hanger to enable the charger to be hooked directly onto the vehicle. A continuous 13.6V power feed function ensures vehicle memory settings are maintained during servicing, diagnostics and re-mapping.

With full diagnostic capability the Yuasa YCX25L will automatically test 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 / 15.8 / 13.6V
CHARGING CURRENT	Max 25A
TYPE OF CHARGER	8-stage, fully automatic charging cycle
TYPE OF BATTERY	12V lead-acid batteries
BATTERY CAPACITY	40 – 500Ah
INSULATION	IP44 (outdoor use)

AUTO Fully automatic for optimal charging

12V For all lead-acid batteries

2 YEAR WARRANTY

The YCX 25L is supplied with:

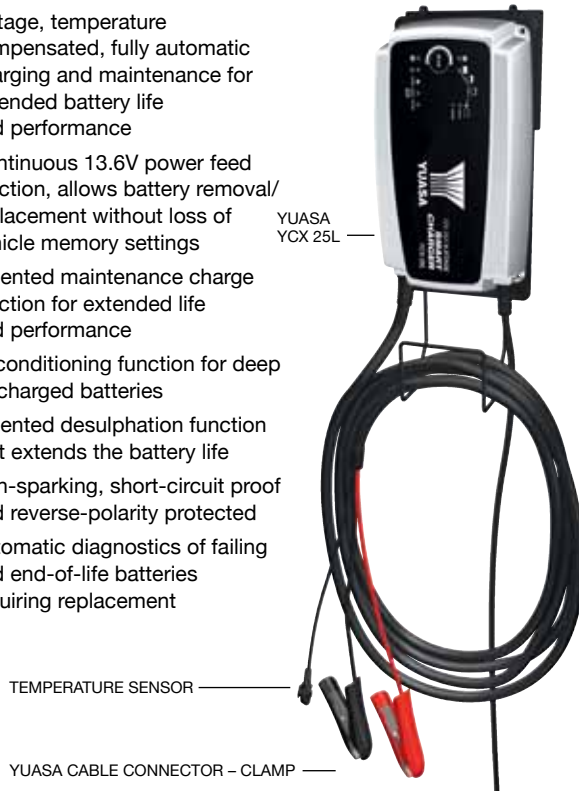
- Non-scratch hanger with cable storage hook
- Wall mounting bracket



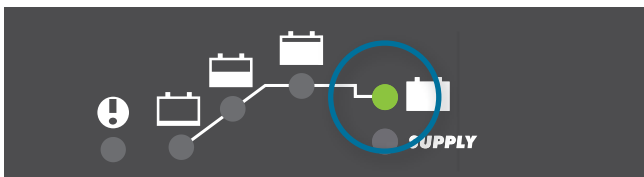
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FEATURES

- 8 stage, temperature compensated, fully automatic charging and maintenance for extended battery life and performance
- Continuous 13.6V power feed function, allows battery removal/replacement without loss of vehicle memory settings
- 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 diagnostics of failing and end-of-life batteries requiring replacement



READY TO USE



The table shows the estimated time for empty battery to 80% charge.

BATTERY SIZE (Ah)	TIME 80% CHARGED
40Ah	1.5h
100Ah	3h
200Ah	6h
350Ah	16h

UNIQUE 8-STAGE CHARGING FROM YUASA

STAGE 1 DESULPHATION

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

STAGE 2 SOFT START

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

STAGE 3 BULK

Charging with maximum current until approximately 80% battery capacity.

STAGE 4 ABSORPTION (READY TO USE STATE)

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

STAGE 5 ANALYSE

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

RECOND STAGE 6 RECONDITION

Reconditioning function for deeply discharged batteries, if required

STAGE 7 FLOAT (FULLY CHARGED STATE)

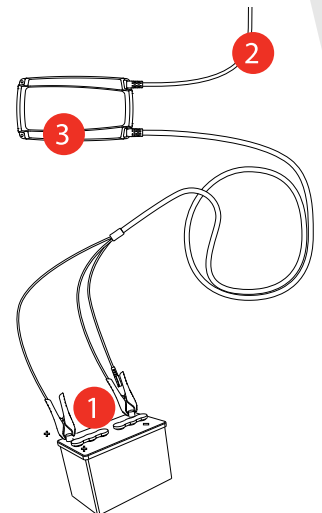
Maintaining the battery voltage at maximum level by providing a constant voltage charge.

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.

CONNECT AND FORGET

- 1 CONNECT THE CHARGER TO THE BATTERY
- 2 CONNECT THE CHARGER TO THE WALL SOCKET
- 3 PRESS THE MODE-BUTTON TO SELECT CHARGING PROGRAM



2 YEAR WARRANTY
GUARANTEED QUALITY WITH YUASA

Yuasa offers a 2 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@xxxx.com