

KUSSMAUL BATTERY CHARGER OPTIONS

OVERVIEW

In an effort to provide the best match of supplier components for use with our apparatus, Sutphen will be obsoleting the use of the Kussmaul model 1200 battery charger. In certain cases, this battery charger has not been sufficient in managing the potential inrush of current from the fire station electrical system.

Kussmaul will be updating the technology of this charger in the future to better handle this, but they have recommended that we begin using the model LCP 40. This charger has upgraded technology that is better equipped to handle the potential current inrush.

Below is a link to information on Kussmaul's website. Also included on the next page is a data sheet for the charger.

<http://www.kussmaul.com/091-200-12.html>

You will see this new model in the upcoming Sales Configurator update. You will also notice with this upcoming release that we are restructuring the selection process for the 120V shoreline inlet, battery chargers, and air compressors to simplify the option management. You will be selecting each component individually.

If you should desire to upgrade to this charger before the Sales Configurator update is released, please add \$42.88 above the price of the current Kussmaul 1200 option.

If you have any questions, please contact your SAE.

AUTO CHARGE[®] 40 LPC

SINGLE SYSTEM LOW PROFILE BATTERY CHARGER



MODEL # 091-200-12

The Auto Charge 40 LPC is a fully automatic battery charger designed in a compact rugged package that saves valuable compartment or under seat space in fire apparatus and other emergency vehicles. The LPC series smart chargers, provide rapid replenishment of batteries, with a clean, no electronic interference output. May be used for positive and negative ground systems. Front panel connections allow easy wiring of AC Power, Batteries, Remote Indicator, and Auxiliary Loads, such as hand lights, radios, and Auto Pumps. Charger is available as a float charger or a 3 Step mode charger. Use Model Number 091-200-12-3S when ordering 3 Step mode charger.

SPECIFICATIONS:

Input: 120 Vac, 60 Hz., 7 Amps Max

Input Fuse: (2) 8 Amp Fast Acting

Output: 12 Vdc, 40 Amps

Output Fuse (Recommended): 50 Amps

Charge Output Indicator: Bar Graph Display,
Indicates Battery Charge Level

Weight: 7 lbs

Warranty: 3 Years



ENERGIZED AND READY, WHEN SECONDS COUNT

40 AMPS FOR CHARGING VEHICLE BATTERIES

SMALL, LIGHT WEIGHT, LOW PROFILE CHARGER

**HEAVY DUTY, CLEAN 40 AMP OUTPUT
POSES NO INTERFERENCE WITH RADIOS
AND OTHER MOBILE ELECTRONICS**

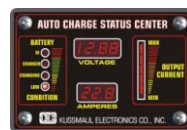
**BOOST VOLTAGE TO COMPENSATE FOR
CABLE VOLTAGE DROP**

LOW RIPPLE OUTPUT

3 YEAR WARRANTY

OPTIONAL INDICATORS

AUTO CHARGE DELUXE STATUS CENTER



Model 091-194-IND

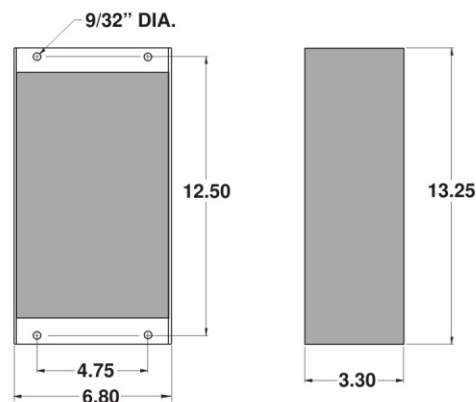
Digital voltage and amperes display, 5 segment bar graph display to indicate output current, & 4 LED's to show the condition of the batteries

WATERTIGHT DELUXE STATUS CENTER



Model 091-194-IND-WT

Same as 091-194-IND, but the indicator is encased in a watertight bezel that comes in either red, yellow, blue, gray, white, or black.



091-200-12 Outline Drawing