



FAST CHARGE SOLUTIONS THAT WORK!

UniMAX[®] 40 SINGLE OUTPUT FAST CHARGER

FEATURES

Charges batteries at up to 650 amps

IGBT power control

Intelligent

Programmable

Data analysis

BENEFITS

Eliminate battery changes. Vehicles can operate with only one battery through multiple shifts for higher productivity and lower cost of operation.

High efficiency and power factor reduces electrical infrastructure and operating costs.

Automatically recognizes battery size, voltage and state of charge via battery data module to optimize charger output.

Easy to configure for customized applications.

Wireless communication capability built into every charger. Access fleet data via PDA, PC, internal network or the Web.



FAST CHARGE SOLUTIONS THAT WORK! Express fast chargers are designed for the most demanding electric vehicle applications and supported by the industry's largest service network. When packaged with an Express battery, you have the leading fast charge system available, backed by the industry's best warranty.



All Express chargers include a stand and cable management.

Express UNIMAX® FAST CHARGER

MODELS **UNIMAX 40**

MAXIMUM OUTPUT POWER **40 kW**

MAXIMUM OUTPUT CURRENT

@ 24V	650 Amps
@ 36V	650 Amps
@ 48V	650 Amps
@ 80V	400 Amps

UTILITY REQUIREMENTS

480VAC, 60HZ, 3Ø (MAX DRAW) **58 Amps**
 600VAC, 60HZ, 3Ø (MAX DRAW) **47 Amps**

Recommended breaker: Square D type EDB or equivalent. Recommended fuse: Bussmann type FRSR or equivalent.

EFFICIENCY **92%**

POWER FACTOR **0.95**

COMPATIBLE BATTERY TYPE **Lead acid-flooded cell, 12 to 80 volts**

POWER DEVICE **IGBT**

CONTROL **Manual to fully automatic control of charge, finish and equalization**

OPERATING TEMPERATURE **32° TO 104° F (0° TO 40° C)**

ENCLOSURE **NEMA 1**

DISPLAY **Backlit LCD**

CERTIFICATIONS **UL/cUL**

NETWORK CAPABILITY **Yes**

WEIGHT **885 lbs**

DIMENSIONS W X D X H (IN) **21 x 26 x 48**
WITH STAND W X D X H (IN) **34 x 27½ x 70**

WARRANTY **2 years parts and labor on electronic components**
5 years parts only on diodes and IGBT
10 years parts only on main transformer

