



FAST CHARGE SOLUTIONS THAT WORK!

TwinMAX[®] 20/30

DUAL OUTPUT FAST CHARGER

FEATURES

BENEFITS

Simultaneously charges two batteries at up to 500 amps

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

Power Sharing

Automatically increases output when only one vehicle is charging.

IGBT power control

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

Intelligent

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

Programmable

Easy to configure for customized applications.

Data analysis

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 TWINMAX® FAST CHARGER

MODELS	TWINMAX 20	TWINMAX 30
MAXIMUM OUTPUT POWER	40 kW	60 kW
MAXIMUM OUTPUT POWER PER STATION	20 kW	30 kW
MAXIMUM OUTPUT CURRENT PER STATION @ 24V	500 Amps	500 Amps
@ 36V	500/430* Amps	500 Amps
@ 48V	500/320* Amps	500 Amps
@ 80V	300/200* Amps	300 Amps

*Power sharing feature: Max current value for single vehicle charging/ Max current value for dual vehicle charging.

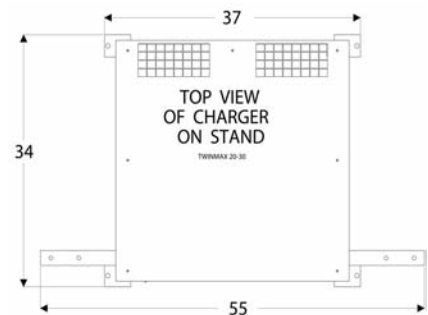
UTILITY REQUIREMENTS

480VAC, 60HZ, 3Ø (MAX DRAW)	57 Amps	73 Amps
600VAC, 60HZ, 3Ø (MAX DRAW)	46 Amps	57 Amps

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

BOTH MODELS

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	1100 lbs 1150 lbs
DIMENSIONS W X D X H (IN)	33 x 32 x 52
WITH STAND W X D X H (IN)	55 x 34 x 74
WARRANTY	2 years parts and labor on electronic components 5 years parts only on diodes and IGBT 10 years parts only on main transformer



1-800-EnerSys WWW.ENERSYSMP.COM / WWW.AKERWADE.COM

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