

# Express<sup>®</sup>

Fast charge solutions that WORK!

MEASURE  POWER  REPORT  SUPPORT



## *UniMAX<sup>®</sup>*

### **Powerful. Proven. Trusted.**

The UniMAX<sup>®</sup> is the ideal fast charger for forklifts, reach trucks and pallet jacks, charging batteries at up to 640 amps. Its multi-voltage, multi-amp hour, high frequency design allows it to grow with your operation, while everyday providing:

- Flexibility to charge anywhere
- Highest efficiency rating
- Stands, cables and everything you need right out of the box

Drivers simply drive up and plug in – the UniMAX charger does the rest, automatically keeping your battery fleet charged and equalized.

PART OF THE ZERO BATTERY CHANGE<sup>SM</sup> SOLUTION



# UniMAX<sup>®</sup>

MODELS	UniMAX 20	UniMAX 30
Maximum Output Power	20 kW	30kW
Maximum Output Current @ 24V	500 Amps	640 Amps
@ 36V	430 Amps	640 Amps
@ 48V	325 Amps	520 Amps
@ 72V	230 Amps	350 Amps
@ 80V	200 Amps	300 Amps

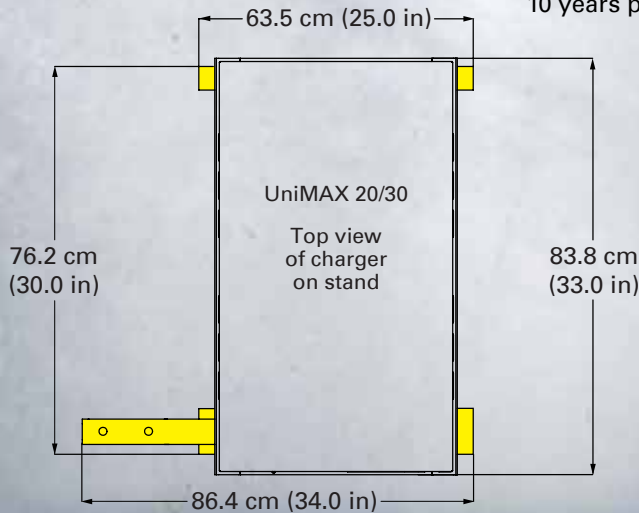
## UTILITY REQUIREMENTS

480VAC, 60Hz, 3Ø (Max Draw)	29 Amps	43 Amps
600VAC, 60Hz, 3Ø (Max Draw)	23 Amps	34 Amps

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

## ALL UNITS

Efficiency	92%	
Power Factor	~0.95 @ Max Load	
Compatible Battery Type	Lead acid-flooded cell, 24 to 80 volts	
Power Device	High Frequency IGBT	
Control	Manual to fully automated control of charge, finish and equalization	
Operating Temperature	32° F to 104° F (0° C to 40° C)	
Enclosure	NEMA 1	
Display	Backlit LCD	
Certifications	UL/cUL; certified to California Energy Comission (CEC) requirements	
Data Capability	Charge event data uploaded via Bluetooth <sup>®</sup> or ExpressLink <sup>™</sup>	
Weight	460 lbs	570 lbs
Dimensions W x D x H (inches)	22.5" x 33.0" x 27.4"	
With Stand	34.0" x 33.0" x 62.0"	
With Double Stand	44.5" x 33.0" x 76.5"	
Warranty	2 years parts and labor on electronic components 5 years parts only on diodes and IGBT 10 years parts only on main transformer	



# EnerSys<sup>®</sup>

Power/Full Solutions

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