



# STRYTEN ENERGY

## M-SERIES

# X-7 >>>



X-7, the newest charger in Stryten Energy's motive power lineup, is built with the latest Silicon Carbide transistor technology and offers IOT communication capabilities including Wi-Fi and Bluetooth. It can be configured for standard, opportunity or fast charging, to meet the demands of the toughest fleets. An advanced 24/36/48V multi-voltage modular design allows configuration to multiple power levels. Available in 2-bay (5-15kW) and 4-bay (5-30kW) cabinet power levels, the X-7 is ready to charge almost any motive power battery including lithium-ion. The charger also features multiple communication interfaces, including PLC, Wi-Fi, Bluetooth and USB.



OPPORTUNITY  
CHARGE



MODULAR  
DESIGN



INTELLIGENT  
CHARGING

*THE ENERGY TO CHALLENGE*

**X-7 MODULAR MULTI-VOLTAGE INDUSTRIAL BATTERY CHARGERS**

CABINET SIZE		2 BAY		4 BAY	
480VAC Model #	X7MV48-480-	0207	0215	0422	0430
Multi-Voltage Output Module (24V-36V-48V)	24V	150	300	450	600
	36V	150	300	450	600
	48V	130	260	390	520
Recom. Min. DC Output Wire Size*		1/0	4/0	4/0 x 2	4/0 x 2
Max Output Power		7.5kW	15kW	22.5kW	30kW
Max Input Amps at 480VAC (A)**		10.4	20.8	31.2	41.6
230VAC Model #	X7MV48-230-	0205	0210	0415	0420
Multi-Voltage Output Module (24V-36V-48V)	24V	88	176	264	352
	36V	88	176	264	352
	48V	86	172	258	344
Recom. Min. DC Output Wire Size*		1/0	1/0	4/0	1/0 x 2
Max Output Power		5kW	10kW	15kW	20kW
Max Input Amps at 230VAC (A)**		16	32	48	64
Number of Power Modules		1	2	3	4
Weight: 2 Bay (41lbs), 4 Bay (65lbs) Cabinet, + 17lbs per Module		58lbs	75lbs	116lbs	133lbs
Dimensions (HxWxD)		24"Hx12"Wx19"D		24"Hx21"Wx19"D	
Input Voltage**		480 or 230VAC (Model Dependent) +/-10%, 3PH, 50/60Hz			
Efficiency & Power Factor		Efficiency=0.94 / Power Factor=0.95 max.			
Control		Manual & fully automatic control of charge, finish & equalization			
Environmental		0° to 45°C (32° to 113° F), NEMA 1			
Display		4.3" Backlit Color Graphic LCD			
Power Device		Silicon Carbide MOSFET			
Certifications***		UL1564, CEC			
IoT Data Capability		Wireless config,comm&control capabilities via BT®, Wi-Fi, PLC, USB Port			
Field Repair		Module Replacement			
Warranty		3 Year Limited Warranty			
Installation		Wall, stand, or shelf mounting options			

\*Stated output currents will require connectors and electrical cables of adequate capacity. Consult your factory representative.

\*\*Always use professional electricians for X-7 charger and associated electrical service installations. Follow all required electrical codes.X7MV48-230-xxxx Model covers 208-240VAC Input Voltages.

\*\*\*CEC certification has been achieved on 36V and 48V output voltages for the 230V AC model and all output voltages for the 480V AC model.

## The Energy to Challenge

Stryten Energy helps solve the world's most pressing energy challenges with a broad range of energy storage solutions and components across the Essential Power, Motive Power, Transportation, Military and Government sectors. Headquartered in Alpharetta, Georgia, we partner with some of the world's most recognized companies to meet the growing demand for reliable and sustainable energy storage capacity. Stryten powers everything from submarines to subcompacts, microgrids, warehouses, distribution centers, cars, trains and trucks. Our stored energy technologies include advanced lead, lithium and vanadium redox flow batteries, intelligent chargers and energy performance management software that keep people on the move and supply chains running.

Learn more at [www.stryten.com](http://www.stryten.com)