






MK-V CHARGER SPECIFICATIONS

100% Electric | Driver Optional | Data-Driven

Monarch SKU	M-A-L2C-40A-N1450-EP	M-A-L2C-64A-HW-EP	M-A-L2C-80A-HW-CC
Monarch Part Description	EV Charger, 40A NEMA 14-50 - Enphase	EV Charger, 64A Hardwired - Enphase	EV Charger, 80A Hardwired Clipper Creek
Monarch Selling Price	\$835/-	\$1,176/-	\$2,195/-
Shipping and Installation	Not Included	Not Included	Not Included
Picture			

Product Key Features

M-A-L2C-40A-N1450-EP	<ul style="list-style-type: none"> • Provides up to 40 A charging via the J1772 Connector • Includes wall mounted J1772 connector holster • Type 4X watertight and corrosion-resistant rubber over-molded EV connector • Includes an industrial grade NEMA 14-50R outlet receptacle
M-A-L2C-64A-HW-EP	<ul style="list-style-type: none"> • Provides up to 64 A charging via the J1772 Connector • Includes wall mounted J1772 connector holster • Type 4X watertight and corrosion-resistant rubber over-molded EV connector
M-A-L2C-80A-HW-CC	<ul style="list-style-type: none"> • Provides up to 80 A charging via the J1772 Connector • Includes J1772 connector holster
All of the Above	<ul style="list-style-type: none"> • LED lights to indicate charger status • Industry-leading 25-foot charging cable • Integrated cable wrap helps to neatly stow away the cable cord when not in use • Comprehensive safety and efficiency compliance and certifications, including ENERGY STAR® Certified ETL listing.

Charge Time and Power	M-A-L2C-40A-N1450-EP	M-A-L2C-64A-HW-EP	M-A-L2C-80A-HW-CC
Approximate Charge Time (from 5% to 95%)	10-12 hours	6.25-7.5 hours	5-6 hours
Maximum Output Current	40 A continuous	64 A continuous	80 A continuous
Maximum Output Power	9.6 kW	15.4 kW	19.2 kW

Electrical Specification	M-A-L2C-40A-N1450-EP	M-A-L2C-64A-HW-EP	M-A-L2C-80A-HW-CC
Input Voltage (Input Voltage Range)	208/240 VAC (185 VAC – 264 VAC)		
Input Power Phase	Single Phase		
Circuit Breaker Requirement	Dedicated, 2-pole 50 A	Dedicated, 2-pole 80 A	Dedicated, 2-pole 100 A
Plug Type	NEMA 14-50	Hardwired (Electrician Installed)	
Input Cable Length	12" (304.8 mm)	3' (914.4 mm) Pre-wired with (L1, L2, Gnd) 8 AWG service whip provided	Premise wiring not included. To be sized by licensed electrician.

Mechanical and Environmental	M-A-L2C-40A-N1450-EP	M-A-L2C-64A-HW-EP	M-A-L2C-80A-HW-CC
Enclosure Dimensions (L x W x D)	19.7" x 8.9" x 5.3" (500 mm x 226 mm x 135 mm)	19.7" x 8.9" x 5.3" (500 mm x 226 mm x 135 mm)	22" x 17" x 12" (559 mm x 432 mm x 304.8 mm)
Weight	13.5 lbs. (6.1 kgs)	17.8 lbs. (8.1 kgs)	45 lbs. (20.4kgs)
Environmental Rating	Indoor and Outdoor Rated		
Operating Temperatures	-22°F to 122°F (-30°C to 50°C)		
Enclosure Rating	Rugged, fully sealed NEMA Type 4 - watertight station		

Warranty	M-A-L2C-40A-N1450-EP	M-A-L2C-64A-HW-EP	M-A-L2C-80A-HW-CC
	5 years	5 years	1 year

Manufacturer Data: Enphase	M-A-L2C-40A-N1450-EP	M-A-L2C-64A-HW-EP	M-A-L2C-80A-HW-CC
Manufacturer SKU	HCS-50R-C29-P6-L25-283	802.11ac Dual Band	CS-100-C16-L25-107
Manufacturer Part Description	40 A Charger (HCS-50R)	64 A Charger (HCS-80R)	80 A Charger (CS-100)
Manufacturer Link	HCS-50R Web Link	HCS-80R Web Link	CS-100 Web Link
Manufacturer Data Sheet	HCS-50R Data Sheet	HCS-80R Data Sheet	CS-100 Data Sheet
Installation User Manual	HCS User Manual		CS-100 User Manual