

HCS-40 Series

ELECTRICAL SPECIFICATIONS		HCS-40 (HARD-WIRED)	HCS-40 (PLUG-TYPE)
Input voltage/Input voltage range	208/240 VAC (L-L), single-phase/185 VAC – 264 VAC		
Input voltage frequency	50/60 Hz		
Circuit breaker requirement	Dedicated, 2-pole 40 A		
Input cable type	Pre-wired with: (L1, L2, Gnd) 10 AWG service whip	Pre-wired with: NEMA 14-50P	
Input cable length	3' (914.4 mm)	12' (304.8 mm)	
Maximum output current/Output power	32 A continuous/7.7 kW		
Output cable/Cable length	Pre-wired with SAE J1772/25' (7.6 m) or 18' (5.5) ¹		
MECHANICAL DATA			
Enclosure dimensions (L × W × D)	19.7" × 8.9" × 5.3" (500 mm × 226 mm × 135 mm)		
Weight	13.5 lbs. (6.1 kg)		
Enclosure mounting	Wall or pedestal mounted (pedestal sold separately)		
ENVIRONMENTAL SPECIFICATIONS			
Environment/Enclosure rating	Indoor and outdoor rated/NEMA Type 4 - watertight		
Operating/Storage temperature	-22°F to 122°F (-30°C to 50°C)/-40°F to 176°F (-40°C to 80°C)		
COMPLIANCE SPECIFICATIONS			
Codes and standards	NEC Article 625, SAE J1772, ENERGY STAR [®] , UL, NOM		
Safety compliance	UL 2594, UL 2251, UL 2231-1, UL 2231-2, UL 1998, UL 991 C22.2 No. 280-13, CSA C22.2 No. 282, CSA C22.2 No. 281.1, CSA C22.2 No. 281.2, CSA C22.2 No. 0.8 NOM-001-SCFI-2018		
EMC compliance	FCC Part 15 Class B		
Short-circuit protection	5000 RMS Symmetrical Amps at 240 VAC		
Open safety ground detection	Features a continuous earth ground monitor to ensure consistent connection to good earth ground		
Ground fault detection	Ground fault protection integral, CCID 20 mA, auto reset		
Auto-reclosure	System will automatically resume standard operation after minor power fault has cleared		
FEATURES			
Four LED indicators	Amber LED: Power, Green LED: Charging, 1 st Red LED: Power fault, 2 nd Red LED: Charging fault		
Optional cable management	Retractable output cable available for 18' option ¹ (cable retractor sold separately)		
Warranty	5-year		
SKUs		PRODUCT DESCRIPTION	
HCS-40R-C17-L18-178	32 A charging, 240 VAC, 10 AWG service, 18' 10 AWG ruggedized J1772 connector		
HCS-40R-C17-P6-L25-196	32 A charging, 240 VAC, NEMA 14-50 plug, 25' 10 AWG ruggedized J1772 connector		
HCS-40R-C17-L25-170	32 A charging, 240 VAC, 10 AWG service, 25' 10 AWG ruggedized J1772 connector		

(1) The standard 25' cable can be replaced with an 18' cable. The 18' cable can be paired with a cable retractor for a better cable management experience.