

# HCS-D50R Series

ELECTRICAL SPECIFICATIONS		HCS-D50R (HARD-WIRED)	HCS-D50R (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, two-pole 50 A		
Input cable type	Pre-wired with: (L1, L2, Gnd) 8 AWG service whip	Pre-wired with: NEMA 14-50P or NEMA 6-50P	
Input cable length	3' (914.4 mm)	12" (304.8 mm)	
Maximum output current/output power	40 A continuous (or 2 x 20 A continuous) <sup>1</sup> /9.6 kW		
Output cable/cable length	Pre-wired with: Two SAE J1772/25' (7.62 m)		
MECHANICAL DATA			
Enclosure dimensions (L x W x D)	19.7" x 8.9" x 5.3" (500 mm x 226 mm x 135 mm)		
Weight	21 lbs. (9.5 kg)		
Enclosure mounting	Wall or pedestal mounted (pedestal sold separately)		
ENVIRONMENTAL SPECIFICATIONS			
Environment rating	Indoor/outdoor rated		
Operating temperature	-22°F to 122°F (-30°C to 50°C)		
Storage temperature	-40°F to 176°F (-40°C to 80°C)		
Enclosure rating	NEMA Type 4 - watertight		
COMPLIANCE SPECIFICATIONS			
Codes and standards	NEC Article 625, SAE J1772, ENERGY STAR®, UL		
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		
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			
2 Sets of 3 LED Indicators	Amber LED: Power, Red LED: Fault, Green LED: Charging		
Warranty	5 years		

SKUs	PRODUCT DESCRIPTION
HCS-D50R-C29-L25-268	40 A or 2 x 20 A charging, 240 VAC, 2 x 25' 10 AWG ruggedized J1772 connector, 08AWG conduit, dual output
HCS-D50PR-C29-P5-L25-273	40 A or 2 x 20 A charging, 240 VAC, 2 x 25' 10AWG ruggedized J1772 connector, NEMA 6-50 Plug, dual output
HCS-D50PR-C29-P6-L25-272	40 A or 2 x 20 A charging, 240 VAC, 2 x 25' 10 AWG ruggedized J1772 connector, NEMA 14-50 Plug, dual output

(1) If both chargers are plugged into EVs, the output power is split between them, each supplying up to half of the maximum power.