





**Certificate:** 80140104  
**Project:** 80140104

**Master Contract:** 302511  
**Date Issued:** April 27, 2023;

Electric Vehicle (EV) Charging System Equipment, Fixed in Place			
Model:		UW040A2501	
Nominal AC input Voltage (V):		480 Vac	
Nominal AC input current (A):		50 A	
Nominal AC input frequency (Hz):		60 Hz	
Max. continuous AC input power (kVA):		42 kVA	
Output voltage range (Vdc):		150 Vdc - 950 Vdc	
Number of Charging connectors / GUN:		2	
Supported Charging connector / GUN Types:		GUN 1	CCS1
		GUN 2	CCS1
Max. continuous DC Charging output power (kW):	Single operating	GUN 1	40 kW
		GUN 2	40 kW
	Dual operating	GUN 1	20 kW
		GUN 2	20 kW
Max. continuous DC Charging output current (A):	Single operating	GUN 1	133 A
		GUN 2	133 A
Max. continuous DC Charging output current (A):	Dual operating	GUN 1	62 A
		GUN 2	62 A
Max. continuous DC Charging output power, total (kW):		40 kW	
AC Wiring:		3 phase, 4 wire (L1, L2, L3, Grounding)	
Length of EV cable (m):		Max. 7.5 m	
Operating ambient temperatures:		-30 °C to +55 °C (Derating above +50 °C)	
Enclosure type:		Type 3R	