

Certificate of Compliance

Certificate: 80140104 Master Contract: 30251

Project: 80140104 **Date Issued:** April 27, 2023

Issued To: Autel Digital Power Co., Ltd.

Floors 1, 2, 3 & 6, Caihong Keji Building, 36 Hi-tech North Six Road, Songpingshan

Community, Xili Sub-district, Nanshan District,

Shenzhen, Guangdong, 518057

China

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.



Issued by: Lichard

PRODUCTS

CLASS - C531112 - POWER SUPPLIES Systems Equipment for Electric Vehicles

CLASS - C531192 - POWER SUPPLIES Electric Vehicle Chargers/Systems - Certified to US Standards

Electric Vehicle (EV) Charging System Equipment, Fixed in Place					
Model:	UW040A2501				

APPLICABLE REQUIREMENTS

*CSA C22.2 No. 107.1-16		-	Power conversion equipment					
*UL 2202		-	Electric Vehicle (EV) Charging System Equipment (Second Edition,					
			Revision dated February 9, 2018)					
*Note:								
(1)	Conformity to UL 2202 (Second Edition, Revision dated February 9, 2018), includes compliance with							
	applicable requirements of UL 2231-1 (Second Edition, Dated September 16, 2021) and UL 2231-2							
	(Second Edition, Dated December 15, 2020);							
(2)	Conformity to CSA C22.2 No. 107.1, includes compliance with applicable requirements of CSA C22.2							
	No. 281.1-12 (reaffirmed 2017) and CSA C22.2 No. 281.2-12 (reaffirmed 2017);							

Notes:

Products certified under Class C531112 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). www.scc.ca





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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	42 kVA						
Output voltage range (Vdc):	150 Vdc - 950 Vdc						
Number of Charging connectors /	2						
GUNIT GU			CCS1				
Supported Charging connector / C	JUN Types:	GUN 2	CCS1				
	Single operating	GUN 1	40 kW				
Max. continuous DC Charging		GUN 2	40 kW				
output power (kW):	Dual operating	GUN 1	20 kW				
		GUN 2	20 kW				
Max. continuous DC Charging	Single operating	GUN 1	133 A				
output current (A):		GUN 2	133 A				
Max. continuous DC Charging	D. I. di	GUN 1	62 A				
output current (A):	Dual operating	GUN 2	62 A				
Max. continuous DC Charging ou	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						