



# Certificate of Compliance

**Certificate:** 80185203

**Master Contract:** 304135

**Project:** 80185203

**Date Issued:** 2024-01-19

**Issued To:** INVT Electric Vehicle Drive Technology (Shenzhen) Co., Ltd.  
301,Bldg 2,  
INVT Guangming Technology Building,  
Shutianpu Community,Matian Street,  
Guangming District  
Shenzhen, Guangdong, 518106  
China

**Attention:** Guang Lei

*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:** Sam Ma  
Sam Ma



## **PRODUCTS**

CLASS - C531112 - POWER SUPPLIES Systems Equipment for Electric Vehicles

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

Electric Vehicle Supply Equipment, fixed in place EV Charging Stations, or fastened in place with attachment plug, intended for indoor or outdoor use, Model EVC16-AW7KGF1W(US), EVC16-AW9KGF1W(US) and EVC16-AW12KGF1W(US). The parameters are as follows:



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<b>Electric Vehicle Charging Station (EVSE)</b>			
Model:	EVC16-AW7KGF1W(US)	EVC16-AW9KGF1W(US)	EVC16-AW12KGF1W(US)
Input Method	Field Wring or cord set plug	Field Wring or cord set plug	Field Wiring
Nominal input voltage (Vac):	208Vac or 240Vac	208Vac or 240Vac	208Vac or 240Vac
Nominal input frequency (Hz):	60 Hz	60 Hz	60 Hz
Max. continuous input current (A):	32 A	40 A	48 A
Output voltage (Vac):	208Vac or 240Vac	208Vac or 240Vac	208Vac or 240Vac
Max. continuous output current (A):	32 A	40 A	48 A
Max. continuous output power (kW):	7.68 kW	9.6 kW	11.52 kW
Operating ambient temperatures:	-30 °C to +50 °C (-22 °F to 122 °F)		
Enclosure type:	Type 4		

**APPLICABLE REQUIREMENTS**

- CSA C22.2 No. 280:22 - Electric Vehicle Supply Equipment
- UL 2594 Third Edition - Electric Vehicle Supply Equipment

1. Conformity to CSA C22.2 No. 280:22, includes compliance with applicable requirements of CSA C22.2 No. 281.1-12 (reaffirmed 2022) and CSA C22.2 No. 281.2-12 (reaffirmed 2022).
2. Conformity to UL 2594 (Third Edition, Dated December 15, 2022), includes compliance with applicable requirements of UL 2231-1 (Second Edition, Dated September 7, 2012) and UL 2231-2 (Second Edition, Dated September 7, 2012).
3. The functional safety has been evaluated according to applicable requirement of UL 1998 (Edition 3), UL 991 (Edition 3) and CSA C22.2 No. 0.8:19 as required by the end product standards.

**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](http://www.scc.ca)





## *Supplement to Certificate of Compliance*

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*The products listed, including the latest revision described below,  
are eligible to be marked in accordance with the referenced Certificate.*

### **Product Certification History**

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<b>Project</b>	<b>Date</b>	<b>Description</b>
80185203	2024-01-19	Original North America Certificate for cCSAus mark. CLASS - C531112 by CSA C22.2 No. 280:22 CLASS - C531192 by UL 2594 Third Edition Electric Vehicle Supply Equipment, fixed in place EV Charging Stations, or fastened in place with attachment plug, intended for indoor or outdoor use, Model EVC16-AW7KGF1W(US), EVC16-AW9KGF1W(US) and EVC16-AW12KGF1W(US).