



Certificate of Compliance

Certificate: 80178071

Master Contract: 605762

Project: 80178071

Date Issued: August 21, 2023

Issued To:	Shenzhen Growatt Dynocharge Energy Technology Co., Ltd.
	4th Floor, No.23 Zhulongtian Road, Shuitian
	Community, Shiyan Street, Baoan District
	Shenzhen, Guangdong, 518100, 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:

Richard Li

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 (EVSE)			
Model:	THOR 07AS-P US	THOR 09AS-P US	THOR 12AS-P US
Nominal input/output:	240 Vac / 60 Hz	240 Vac / 60 Hz	240 Vac / 60 Hz
Max. continuous output current (A):	32 A	40 A	50 A
Max. continuous output power (kW):	7.68 kW	9.6 kW	12 kW
Supply Connections:	Fixed-in-Place	Fixed-in-Place	Fixed-in-Place
Operating ambient temperatures:	-30 °C to +50 °C (-22°F to 122 °F)		
Enclosure type:	Type 3R		

APPLICABLE REQUIREMENTS

*UL 2594	-	Electric Vehicle Supply Equipment (Third Edition, Dated December 15, 2022)
*CSA C22.2 No. 280:22	-	Electric vehicle supply equipment
*Note:		
(1)	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);	
(2)	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);	



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(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.
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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

