TEST REPORT

REPORT NO.: CTNT2411080020101R

Product name: Charger

Model No.: DM48PB1K8C

Applicant: Shenzhen Pluckystone Technolonigies Co. , Ltd.

Test procedure: Entrustment Test

Shenzhen CTNT Testing Technology Co., Ltd.

TEST REPORT

Appendix Z to Subpart B of Part 430 - Uniform Test Method for Measuring the Energy Consumption of External Power Supplies

Report Number. ..... :	CTNT2411080020101R
Date of issue ..... :	Nov.20,2024
Name of Testing Laboratory preparing the Report..... :	Shenzhen CTNT Testing Technology Co., Ltd. Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Street, Longgang District, Shenzhen, Guangdong, China Tel: 086-755-28680489 E-mail: admin@ctnt-cert.com Web: www.ctnt-cert.com
Applicant's name ..... :	Shenzhen Pluckystone Technolonigies Co. , Ltd..
Address ..... :	First and second floors, Building B, No. 11, Badou Road, Dakang community, Henggang Sub-district, Longgang District, Shenzhen
Test specification:	
Standard ..... :	10 CFR 430.32(w). (10 CFR 430, Subpart B, Appendix Z.)
Test procedure..... :	☒DOE: Appendix Z to Subpart B of Part 430 - Uniform Test Method for Measuring the Energy Consumption of External Power Supplies
Non-standard test method ..... :	N/A
Test Report Form No..... :	DOE-BC-EPS
Test Report Form(s) Originator.... :	1.0
Master TRF ..... :	CTNT

General disclaimer:

The test results presented in this report relate only to the object tested.
This report shall not be reproduced, except in full, without the written approval of the Issuing CTNT Testing Laboratory. The authenticity of this Test Report and its contents can be verified by contacting the CTNT, responsible for this Test Report.

Test item description ..... :	Power
Model/Type reference ..... :	DM48PB1K8C
Trade Mark..... :	N/A
Manufacturer ..... :	Shenzhen Pluckystone Technolonigies Co. , Ltd.
Ratings ..... :	Input: 120V~ 60Hz 12A Output: 48V⎓ 20A, 960W

Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):		
Laboratory Name	Shenzhen CTNT Testing Technology Co., Ltd.	
Testing location/ address:	Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Street, Longgang District, Shenzhen, Guangdong, China	
Tested by(Test Engineer) :	George Tian	George Tian
Reviewed By(Supervisor):	Oliver Long	Oliver Long
Approved by(Chief Engineer):	Flight Lee	

General conditions for measurements:

1.Test Room

The tests shall be carried out in a room that has an air speed close to the unit under test(UUT) of ≤0.5 m/s. The ambient temperature shall be maintained at 20±5℃ throughout the test..

2.Power supply

If the UUT is intended for operation on AC line-voltage input in the United States, it shall be tested at 115 V at 60 Hz. If the UUT is intended for operation on AC line-voltage input but cannot be operated at 115 V at 60 Hz, it shall not be tested. The input voltage shall be within ±1 percent of the above specified voltage.

3. Supply voltage waveform

The THD of the supply voltage when supplying the UUT in the specified mode must not exceed 2%, up to and including the 13th harmonic

4. Power measurement accuracy

Precision measurement of energy consumption shall be made with a precision equal to the greater of 0.1 Watt-hour or 1% of full-scale measurement.

Possible test case verdicts:

- test case does not apply to the test object..... : N/A
- test object does meet the requirement ..... : P (Pass)
- test object does not meet the requirement..... : F (Fail)

Declared data:

Nameplate input voltage.....(V):	120V~
Nameplate inputfrequency.....(Hz):	60Hz
Nameplate output voltage.....(V):	48V⎓
Nameplate output current.....(A):	20A
Nameplate output power.....(W):	960W

Testing:

Sample arrival time..... :	Nov.08,2024
Test period..... :	Nov.13,2024