1.0 Reference and Address			
Report Number	220520212GZU-001	Original Issued: 4-Jul-2022	Revised: None
Standard(s)	ENERGY STAR® Program Requirements for Electric Vehicle Supply Equipment (EVSE) Version 1.0 and 1.1		
Applicant	Dropcases Ltd	Manufacturer 1	**Nanjing SHENQI Electronic Technology Co., Ltd.**
Address	RM2609, Global Gateway Tower, 63 Wing Hong St, LAI CHI KOK, Kowloon, Hong Kong SAR	Address	No.4, Building, Minghui Industrial Park, No. 9 Zhongxingxi Road, Lishui District, NANJING, Jiangsu Province 211200
Country	China	Country	China
Contact	Hyman Young	Contact	Mr. Lio
Phone	852 35006874	Phone	(86)13532113456
FAX	NA	FAX	NA
Email	hyman.young@wasserstein-home.com	Email	certificate@shengi.tech

2.0 Product Description					
Product	Level 2 Electric Vehicle(EV) Charging Station				
Brand Name	LECTRON				
Description	The product covered by this report is a Level 2 Electric Vehicle Supply Equipment.Test the load connection using the VEM provided by the manufacturer				
Models	V-BOX				
Model Similarity	NA				
Ratings	Input:208-240Vac, 60±10Hz, 48Amax Ouput: 208-240Vac, 48Amax				
Other Ratings	NA				
Date Available	07/04/2022	Market Availability	Yes	OEM	Nanjing SHENQI Electronic Technology Co. Ltd.
Major Markets	United States,Canada				
Trans Type	Initial Certification: Model Meets ENERGY STAR Requirements				
Notes					
UPC					
Reason no UPC					
Other reason no UPC	UPC Code Not Yet Assigned - Partner Will Provide Later				

Additional Model Details (Optional)	Model Name and Number	Identifying Information

Original Certificate Actual Issued Date for Model Tested (Only Applies to Revised Reports)	NA

3.0 Product Photographs

Photo 1 - External view

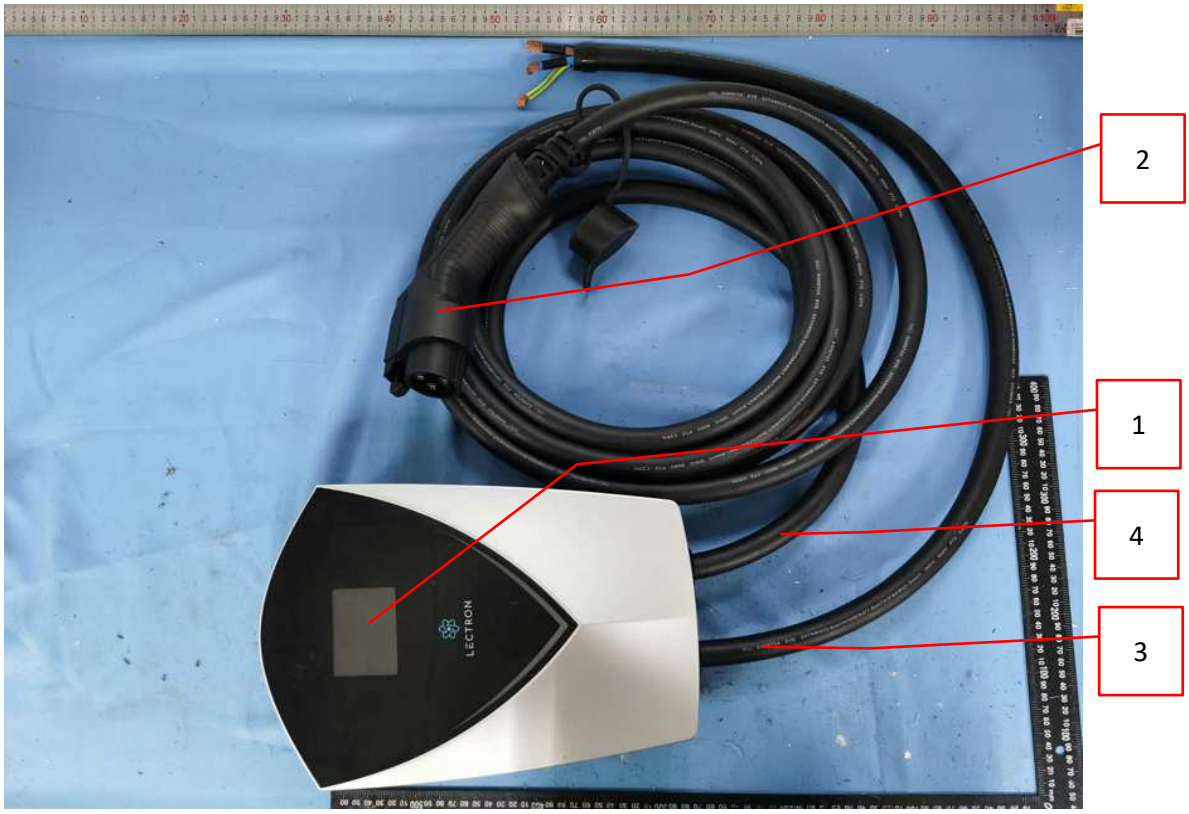

Photo 2 - External view

3.0 Product Photographs

Photo 3 - External view

5.0 Critical Unlisted CEC Components

Periodic Evaluation of Critical Unlisted Components by the Intertek Component Evaluation Centers (CEC) is not required under the INTERTEK ENERGY STAR Program.

6.0 Critical Features
Critical Features/Components - An essential part, material, subassembly, system, software, or accessory of a product that has a direct bearing on the product's conformance to applicable requirements of the ENERGY STAR ® Program Requirements. Listed Component - A component part, which has been previously Listed or Certified by an accredited Certification Organization with no restrictions and is used in the intended application within its ratings. Recognized Component - A component part, which has been previously evaluated by an accredited certification body with restrictions and must be evaluated as part of the basic product considering the restrictions as specified by the Conditions of Acceptability. Unlisted Component - A part that has not been previously evaluated to the appropriate designated component standard. It may also be a Listed or Recognized component that is being used outside of its evaluated Listing or component recognition.
Construction Details - For specific construction details, reference should be made to the photographs and descriptions. All dimensions are approximate unless specified as exact or within a tolerance. In addition to the specific construction details described in this Report, the following general requirements also apply.
1. Product Safety Compliance - NA
2. EMI Compliance - NA
3. Schematics - NA
4. Installation, Operating and Safety Instructions - Instructions for installation and use of this product are provided by the manufacturer. Refer to Illustration No(s). 1 for details.
5. Package Markings - NA
6. Warranty Information - NA

7.0 Illustrations

Illustration 1 - Safety Instructions (representative)

1 Summary

D21 UL Standard Series AC charging pile is used together with electric vehicle on-board charger. It can support floor and wall mounted installation, with color display and internal measurement. It can support plug and play charging, card swiping or app start-up charging. The product has a wide range of applications. It is widely used in the ground and parking lot of residential areas, shopping malls and office places. It can also be installed in various large, medium and small electric vehicle charging stations to provide convenient and safe charging services for electric vehicle owners.

2 Environment condition

Operating ambient temperature:-25℃～+55℃;Storage temperature:-40℃～+70℃

Elevation above sea level:＜2000 m

Operating humidity:5％～95％RH,non-condensing

11 警告 WARNING

Only for use with electric Vehicles that do not require ventilation.

Pour utilisation avec des véhicules électriques. Aucune ventilation requise.

To avoid a risk of fire or electric shock,do not use this device with an extension cord.

AVERTISSEMENT-Pour réduire le risque de choc électrique ou d ' incendie,ne pasutiliser de rallonge avec cet appareil.

Automatic CCID reset provided.

AVERTISSEMENT-Caractéristique de réarmement automatique incluse.

Failure to follow instructions may result in danger!

Regularly check whether the charging station has visible damage.There may be an electric shock when operating the broken charging station.

Make sure that all safety facilities are available at all times and are tested regularly to ensure they can operate normally.

Persons who install and use charging stations must obey the principles and regulations mentioned to ensure the personal safety and equipment safety.

Before powering on the device, please confirm that the device is properly grounded to avoid unnecessary accidents.

7.0 Illustrations

Illustration 1a - Safety Instructions (representative)

All tools unnecessarily exposed metal parts should be insulated to prevent them from touching the metal frame to avoid short circuit.

Do not modify, retrofit, or change any part by yourself under any circumstances.

To ensure the service life and stable operation of the charging station, the operating environment should be kept as clean as possible with a relatively stable temperature and humidity. The charging station must not be used in flammable environment or environments with volatile gas.

Be sure to confirm that the input voltage, frequency, circuit breakers and other conditions of the device meet the specifications before the device is powered on.

12 **CAUTION**

Do not use this product if there is any damage to the unit.
Ne pas utiliser ce produit si l ' appareil est endommage.

Risk of electric shock. do not remove cover or attempt to open the enclosure. no user serviceable parts inside.refer servicing to qualified service personnel.
Risque de choc électrique.Ne pas retirer le couvercle ni essayer d'ouvrir le boîtier . Aucune pièce interne réparable par l ' utilisateur. Confier tout travail d'entretien ou de réparation à un technicien qualifié.

8.0 Test Summary					
Evaluation Period	25-May-2022~28-May-2022			Project No.	220520212GZU
Sample Rec. Date	22-May-2022	Condition	Prototype	Sample ID.	S220520212-001
Test Location	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch(1105383) Address: Room 02, & 101/E201/E301/E401/E501/E601/E701/E801 of Room 01 1-8/F., No. 7-2. Caipin Road, Science City, GETDD, Guangzhou, Guangdong, China				
Test Procedure	Testing Lab			Test type	Qualification

Determination of the result includes consideration of measurement uncertainty from the test equipment and methods. The product was tested as indicated below with results in conformance to the relevant test criteria.

The following requirements were evaluated:

Required Submittal Information	Submittal Data
Model Name and/or Number tested	V-BOX
Date tested	05/25/2022
Serial number of Unit tested	
ENERGY_STAR_Specification_Version*	1.0
Product_Type*	Level 2
Other_LAN_Network_Protocol_with_Wake_Capability	
Network_Protocol_Enabled_During_Testing	
Other_LAN_Network_Protocol_Enabled_During_Testing	
Presence_of_Full_Network_Connectivity*	Not Present
Input_Cord_Length_ft*	3
Input_Cord_Gauge_AWG*	7
Output_Cord_Length_ft*	16
Output_Cord_Gauge_AWG*	7
Screen_Area_if_EVSE_has_high_res_display_in2	
Maximum_100_Measured_Luminance_of_the_High_Res_Display	
Maximum_100_Measured_Luminance_of_the_High_Res_Display_Image	
Measured_Luminance_at_65_of_Max_Brightness_of_High_Res_Display	
Automatic_Brightness_Control_ABC_Capable*	No
Automatic_Brightness_Control_Enabled_As_shipped	
Connected_Functionality_Capable	
Connected_Functionality_Capabilities_Summary	
Connected_Functionality	
Communication_Standard_Application_Layer_Other	
Communication_Standard_Media_Network_Layer_Other	
Primary_Communication_Module_Device_Brand_Name	
Primary_Communication_Module_Device_Model_Number	
Secondary_Communication_Module_Device_Brand_Name	
Secondary_Communication_Module_Device_Model_Number	
Tertiary_Communication_Module_Device_Brand_Name	
Tertiary_Communication_Module_Device_Model_Number	
Network_Device_Security_Standards_Other	
Description_System_Cyber_Security_Measures	
Is_Broadband_Internet_Connection_Needed_for_Demand_Response	
Protocols_Used_to_Support_Smart_Charging_Other	
Other_Product_Features	
Max_Nameplate_Output_Current_A*	48
Dual_Input_Max_Nameplate_Output_Current_A	
Number_of_Outputs*	1
Dual_Input_Number_of_Outputs	
High_Illuminance_for_ABC_Room_Illuminance_lux	
High_Illuminance_for_ABC_or_Default_No_Vehicle_Mode_Input_Power*	2.87
No_Vehicle_Mode_Total_Allowance_W*	3.2
High_Illuminance_for_ABC_or_Default_No_Vehicle_Mode_Power_Factor*	0.28
High_Illuminance_for_ABC_or_Default_Partial_On_Mode_Input_Power*	2.91
Partial_On_Mode_Total_Allowance_W*	3.2
High_Illuminance_for_ABC_or_Default_Partial_On_Mode_Power_Factor*	0.28
High_Illuminance_for_ABC_or_Default_Idle_Mode_Input_Power_W*	8.8
Idle_Mode_Total_Allowance_W*	22.4
High_Illuminance_for_ABC_or_Default_Idle_Mode_Power_Factor*	0.43

8.0 Test Summary	
Full_Current_Operation_Mode_Test_UUT_Available_Current*	48
High_Illuminance_Full_Current_Operation_Mode_Input_Power*	11281
High_Illuminance_Full_Current_Operation_Mode_Output_Power*	11159
High_Illuminance_30_A_Operation_Mode_Input_Power	7119
High_Illuminance_30_A_Operation_Mode_Output_Power	7055
High_Illuminance_15_A_Operation_Mode_Test_Input_Power	3562
High_Illuminance_15_A_Operation_Mode_Test_Output_Power	3533
High_Illuminance_4_A_Operation_Mode_Test_Input_Power	973
High_Illuminance_4_A_Operation_Mode_Test_Output_Power	953
Low_Illuminance_for_ABC_Room_Illuminance_lux	
Low_Illuminance_No_Vehicle_Mode_Input_Power_W	
Low_Illuminance_No_Vehicle_Mode_Power_Factor	
Low_Illuminance_Partial_On_Mode_Input_Power_W	
Low_Illuminance_Partial_On_Mode_Power_Factor	
Low_Illuminance_Idle_Mode_Input_Power_W	
Low_Illuminance_Idle_Mode_Power_Factor	
Low_Illuminance_Full_Current_Mode_Test_Input_Power	
Low_Illuminance_Full_Current_Operation_Mode_Test_Output_Power	
Low_Illuminance_30_A_Operation_Mode_Test_Input_Power	
Low_Illuminance_30_A_Operation_Mode_Test_Output_Power	
Low_Illuminance_15_A_Operation_Mode_Test_Input_Power	
Low_Illuminance_15_A_Operation_Mode_Test_Output_Power	
Low_Illuminance_4_A_Operation_Mode_Test_Input_Power	
Low_Illuminance_4_A_Operation_Mode_Test_Output_Power	
Dual_Input_High_Illuminance_for_ABC_Room_Illuminance_lux	
Dual_Input_High_Illuminance_No_Vehicle_ModeInput_Power_W	
Dual_Input_No_Vehicle_Mode_Total_Allowance_W	
Dual_Input_High_Illuminance_No_Vehicle_Mode_Power_Factor	
Dual_Input_High_Illuminance_Partial_On_Mode_Input_Power_W	
Dual_Input_Partial_On_Mode_Total_Allowance_W	
Dual_Input_High_Illuminance_Partial_On_Mode_Power_Factor	
Dual_Input_High_Illuminance_Idle_Mode_Input_Power_W	
Dual_Input_Idle_Mode_Total_Allowance_W	
Dual_Input_High_Illuminance_Idle_Mode_Power_Factor	
Dual_Input_Full_Current_Operation_Mode_Test_Available_Current	
Dual_Input_High_Illumin_Full_Current_Operation_Mode_Input_Power	
Dual_Input_High_Illumin_Full_Current_Operation_ModeOutput_Power	
Dual_Input_High_Illumin_30_A_Operation_Mode_Test_Input_Power	
Dual_Input_High_Illumin_30_A_Operation_Mode_Test_Output_Power	
Dual_Input_High_Illumin_15_A_Operation_Mode_Test_Input_Power	
Dual_Input_High_Illumin_15_A_Operation_Mode_Test_Output_Power	
Dual_Input_High_Illuminance_4_A_Operation_Mode_Input_Power	
Dual_Input_High_Illuminance_4_A_Operation_Mode_Output_Power	
Dual_Input_Low_Illuminance_for_ABC_Room_Illuminance_lux	
Dual_Input_Low_Illuminance_No_Vehicle_Mode_Input_Power	
Dual_Input_Low_Illuminance_No_Vehicle_Mode_Power_Factor	
Dual_Input_Low_Illuminance_Partial_On_Mode_Input_Power	
Dual_Input_Low_Illuminance_Partial_On_Mode_Power_Factor	
Dual_Input_Low_Illuminance_Idle_Mode_Input_Power_W	
Dual_Input_Low_Illuminance_Idle_Mode_Power_Factor	
Dual_Input_Low_Illumin_Current_Operation_Mode_Test_Input_Power	
Dual_Input_Low_Illumin_Current_Operation_Mode_Test_Output_Power	
Dual_Input_Low_Illumin_30_A_Operation_Mode_Test_Input_Power	
Dual_Input_Low_Illumin_30_A_Operation_Mode_Test_Output_Power	
Dual_Input_Low_Illumin_15_A_Operation_Mode_Test_Input_Power	
Dual_Input_Low_Illumin_15_A_Operation_Mode_Test_Output_Power	
Dual_Input_Low_Illumin_4_A_Operation_Mode_Test_Input_Power	
Dual_Input_Low_Illumin_4_A_Operation_Mode_Test_Output_Power	
National_Electric_Code_Product_Safety_Standards_Met*	UL 2594
Network_Protocol_with_Wake_Capability*	None

8.0 Test Summary	
Communication_Hardware_Architecture	
Communication_Standard_Application_Layer	
Communication_Standard_Media_Network_Layer	
Features_Enabled_By_Primary_Communication_Module_Device	
Features_Enabled_By_Secondary_Communication_Module_Device	
Features_Enabled_By_Tertiary_Communication_Module_Device	
Network_Device_Security_Standards	
Protocols_Used_to_Support_Smart_Charging	
Product_Features	
Input_Voltage_V*	240
Dual_Input_Voltage_V	

8.1 Signatures

A representative sample of the product covered by this report has been evaluated and found to comply with the applicable requirements of the standards indicated in Section 1.0.

Completed by:	Eric Yao	Reviewed by:	Spark He
Title:	Engineer	Title:	Reviewer
Signature:	Eric	Signature:	Spark

9.0 Correlation Page For Multiple Listings			
The following products, which are identical to those identified in this report except for model number and Company name.			
BASIC LISTEE	Dropcases Ltd. DBA Lectron		
Address	RM2609, Global Gateway Tower, 63 Wing Hong St, LAI CHI KOK, Kowloon, Hong Kong SAR		
Country	China	EPA ID	1146737
Product	Level 2 Electric Vehicle(EV) Charging Station		
Contact	Hyman Young		
Phone	852 35006874		
FAX	NA		
Email	hyman.young@wasserstein-home.com		

MULTIPLE LISTEE 1	None			
Address				
Country		EPA ID		
Contact				
Phone				
FAX				
Email				
Brand Name				
Date Available		Market Availability		OEM
Major Markets				
Trans Type				
Notes				
UPC				
Reason no UPC				
Other reason no UPC				
ASSOCIATED MANUFACTURER				
Address				
Country				

MULTIPLE LISTEE 1 MODELS	BASIC LISTEE MODELS

Additional Model Details (Optional)	Model Name and Number	Identifying Information

9.0 Correlation Page For Multiple Listings

MULTIPLE LISTEE 2	None			
Address				
Country		EPA ID		
Contact				
Phone				
FAX				
Email				
Brand Name				
Date Available		Market Availability		OEM
Major Markets				
Trans Type				
Notes				
UPC				
Reason no UPC				
Other reason no UPC				

ASSOCIATED MANUFACTURER	
Address	
Country	

MULTIPLE LISTEE 2 MODELS		BASIC LISTEE MODELS
Additional Model Details (Optional)	Model Name and Number	Identifying Information

10.0 General Information

The Applicant has agreed to produce products in accordance with the requirements of this report and to maintain compliance with all ENERGY STAR Product Specification requirements.

Changes to Product Design / Alternate Components

As part of this agreement, the Applicant also has agreed to notify Intertek and to request authorization prior to making any changes to the product (including but not limited to using alternate parts, components or materials) which may effect compliance with the ENERGY STAR Product Specification. Those parts, components or materials identified as critical have been listed in Section 4.0 of this report.

Product Surveillance

Under this Program, market surveillance is conducted on an annual basis. For each Product Type defined in the EPA ENERGY STAR Program, Intertek will select 10% of those certified products for Verification Testing in accordance with the requirements of the EPA ENERGY STAR Product Specification.

The primary source for products under Verification Testing will be the retail market. Applicants whose products are selected for Verification Testing are required to provide a list of locations where the product might be obtained. The Applicant is responsible for the cost of procurement and the Verification Tests. Should products not be readily available on the retail market, the Applicant is required to provide access to distribution warehouses to allow selection of those products. Should the product not be available on the retail market or if procurement from the retail market is not feasible, then alternate arrangements for Verification Testing will be made by the Intertek Certification Body.

As a general rule under the Verification Testing requirements, the products must achieve energy values within 5% of the required Tier Limit.

Compliance with ENERGY STAR Product Specifications under Verification Testing

Products found non-compliant with ENERGY STAR Product Specification under Verification Testing, will be reported to the EPA within 48 hours and the product removed from the ENERGY STAR Program. If it is determined during Verification Testing that changes have been made to product design or critical components, the Certification Body may increase Verification Testing frequency of those products.

10.1 Evaluation of Unlisted Components

Because Unlisted Components are uncontrolled, and they do not fall under a third party follow up program, Intertek may require these components to be tested and/or evaluated at least once annually, more often for certain components, as part of the independent certification process. The Unlisted Components in Section 5.0 require testing and/or evaluation as indicated.

Note to Intertek Follow Up Inspector: The Component Evaluation Center, CEC, will notify you in writing when these components must be selected and sent to the CEC for re-evaluation

Ship the samples to:
Intertek Testing Services Shenzhen Limited Guangzhou Branch
ETL Component Evaluation Center
Room 02, &101/E201/E301/E401/E501/E601/E701/E801 of Room 01 1-8/F., No. 7-2, Caipin Road, Science City
GETDD Guangzhou, Guangdong, China
Attn: Ms. Joey Kuang
Sample Disposition: Due to the destructive nature of the testing, all samples will be discarded at the conclusion of testing unless, the manufacturer specifically requests the return of the samples. The request for return must accompany the initial component shipment.

11.0 Manufacturing and Production Tests

Manufacturing and Production tests are not required under the INTERTEK ENERGY STAR Program. However, Intertek encourages the use of such ongoing product testing to ensure compliance with the EPA ENERGY STAR Product Specifications.

12.0 Revision Summary

The following changes are in compliance with the declaration of Section 8.1:

Date/ Proj # Site ID	Project Handler/ Reviewer	Section	Item	Description of Change
				None