

1.0 Reference and Address			
Report Number	250700656HZZH-001	DRAFT Issued: 30-Sep-2025	For Review and Comment
Standard(s)	Motors and Generators (R2019) [CSA C22.2#100:2014 Ed.7+U1]		
Applicant	Anker Innovations Limited	Manufacturer 1	Chongqing Rato Technology Co., Ltd.
Address	Unit 56, 8th Floor, Tower 2, Admiralty Centre, 18 Harcourt Road, Hong Kong	Address	Zone B, Shuangfu Industry Park, JIANGJIN DISTRICT, Chongqing 402247
Country	China	Country	CHINA
Contact	Mr. Marks Chen	Contact	Ms. Mao Kaiyan
Phone	020-28391298	Phone	13206059974
FAX	-	FAX	-
Email	marks.chen@anker.io	Email	maoky@rato.cc
Manufacturer 2	RAIDON TECHNOLOGY CO., LTD.		
Address	D2 STREET, YEN MY II INDUSTRIAL ZONE, YEN MY COMMUNE, YEN MY DISTRICT, HUNG YEN PROVINCE, 17000		
Country	VIETNAM		
Contact	Ms. Mao Kaiyan		
Phone	13206059974		
FAX	-		
Email	maoky@rato.cc		

2.0 Product Description	
Product	Anker SOLIX Smart Generator 5500 (Tri-Fuel)
Brand name	ANKER SOLIX
Description	The product covered in this report is portable gasoline/LPG/NG engine driven generators, with single-phase output 120V~, 60Hz, and 400VDC output.
Models	A7320J40
Model Similarity	NA
Ratings	120VAC, 60Hz, CosΦ =1.0, 3,6kW(gasoline)/3,6kW(LPG)/3,6kW(NG); 400VDC, 4,5kW(gasoline)/4,05kW(LPG)/3,6kW(NG)
Other Ratings	NEUTRAL FLOATING; SYSTEM FLOATING

3.0 Product Photographs

Photo 1 - Over view

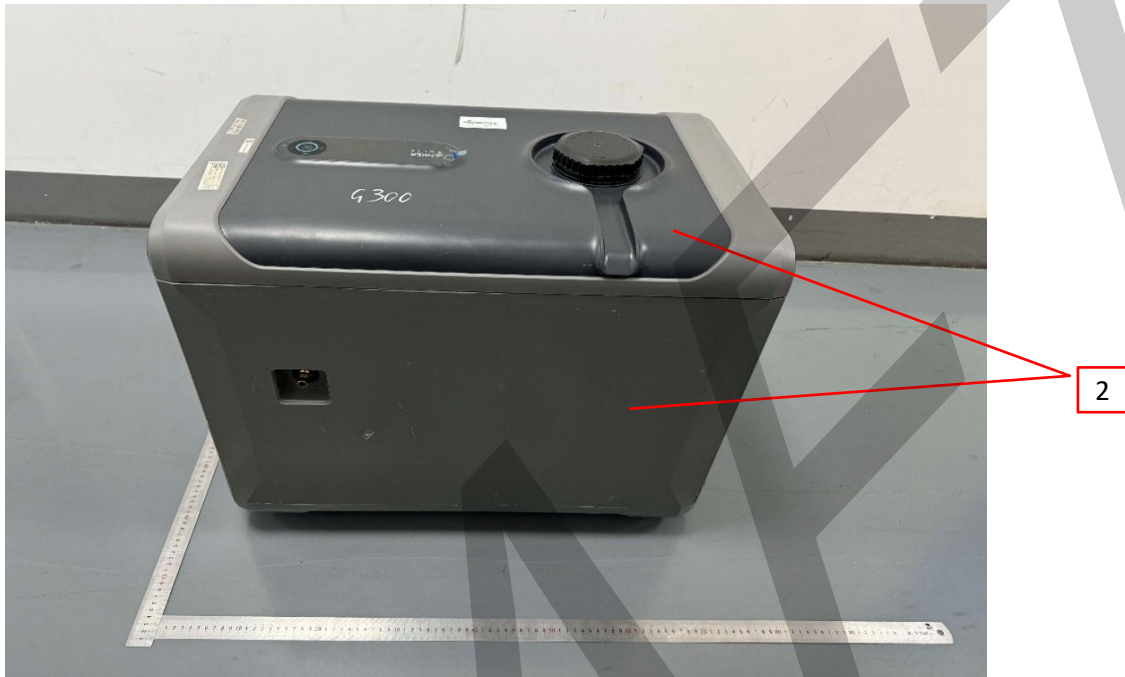


Photo 2 - Over view



3.0 Product Photographs

Photo 3 - Over view



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Photo 4 - Over view



3.0 Product Photographs

Photo 5 - Top view



Photo 6 - LPG/NG inlet



3.0 Product Photographs

Photo 7 - Control panel

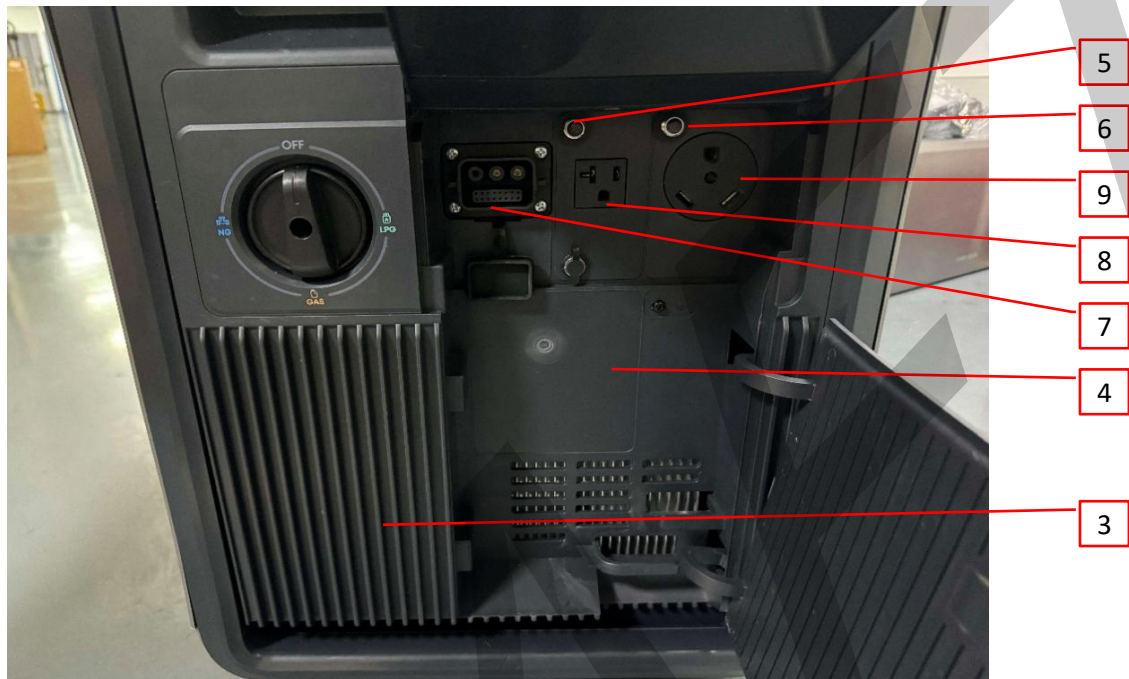


Photo 8 - AC receptacles and protectors

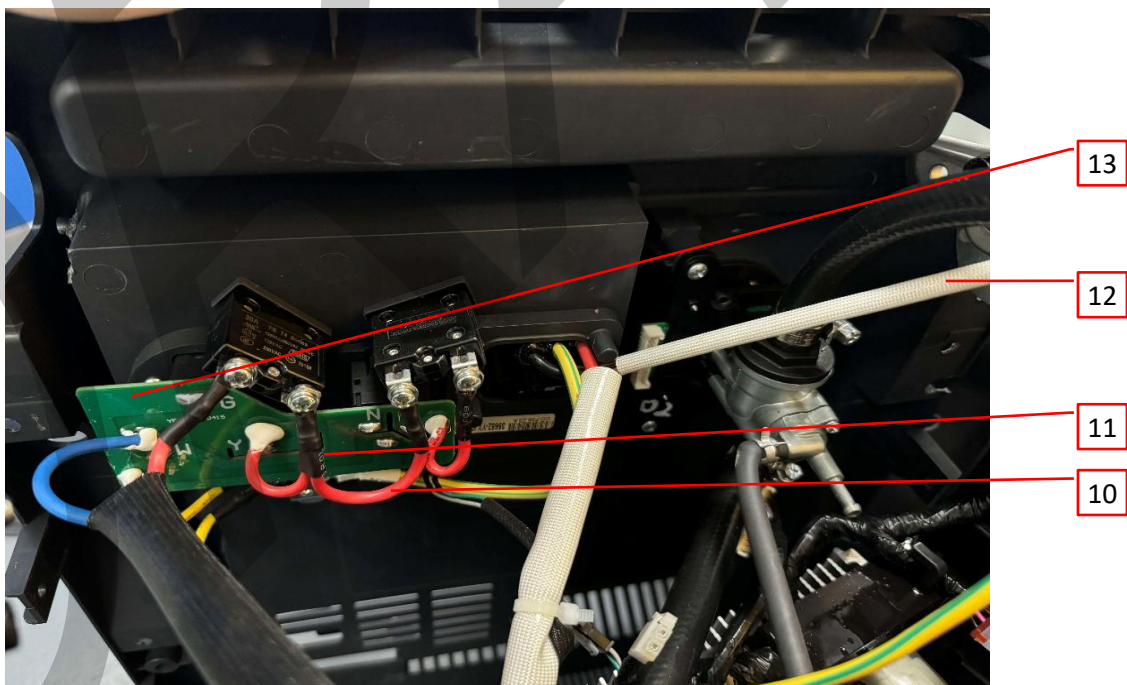


3.0 Product Photographs

Photo 9 - DC terminal



Photo 10 - Back view of control panel

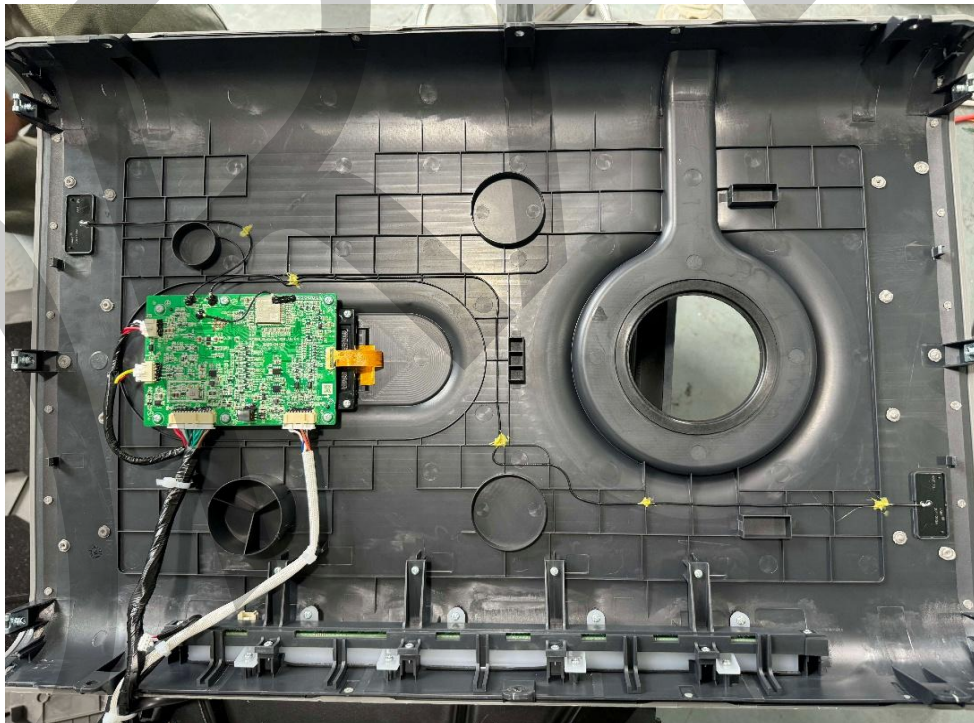


3.0 Product Photographs

Photo 11 - Control panel in top



Photo 12 - Back view



3.0 Product Photographs

Photo 13 - Inner view

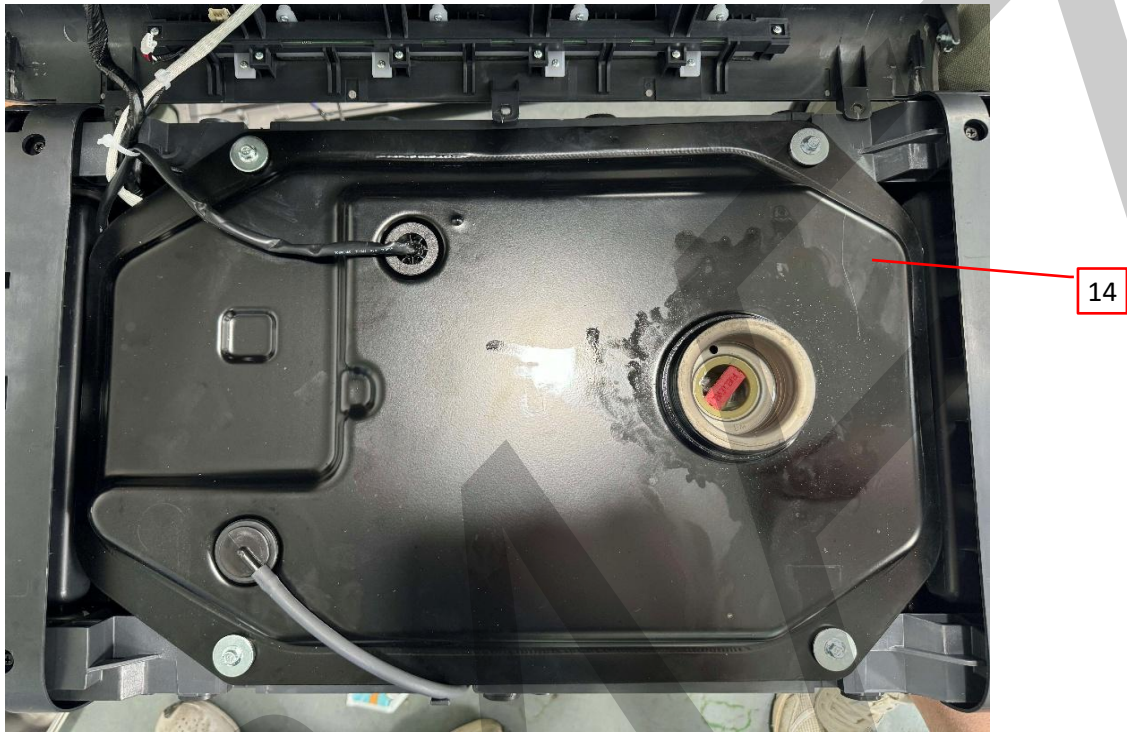
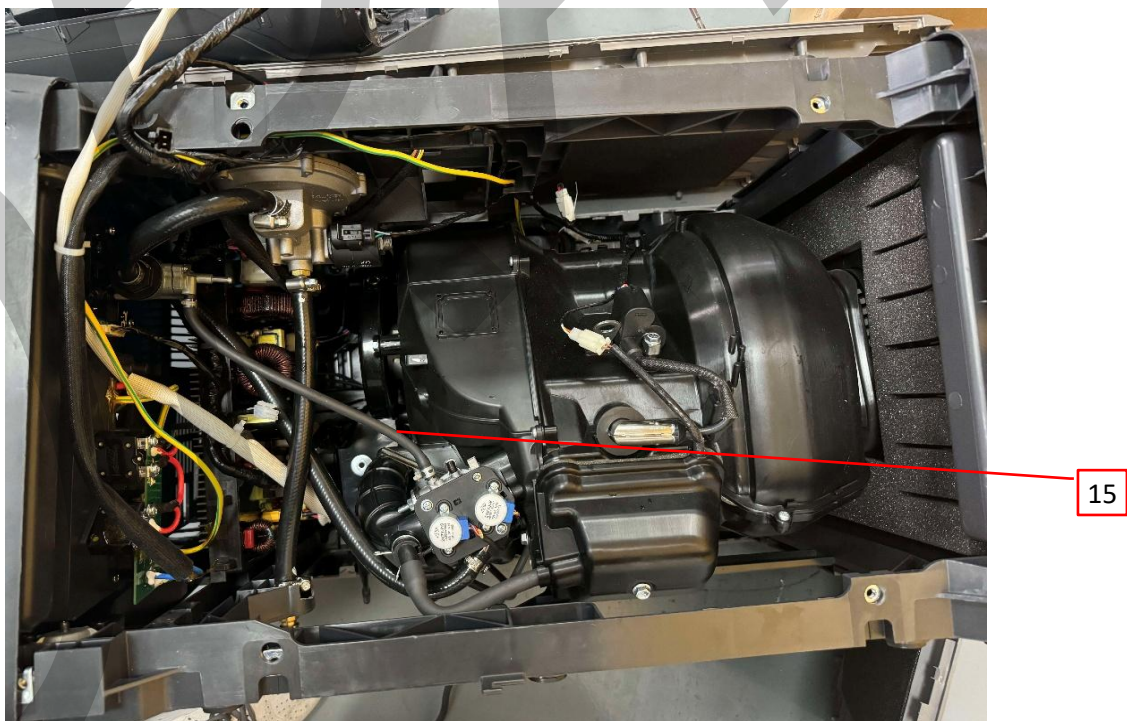


Photo 14 - Inner view



3.0 Product Photographs

Photo 15 - Inner view

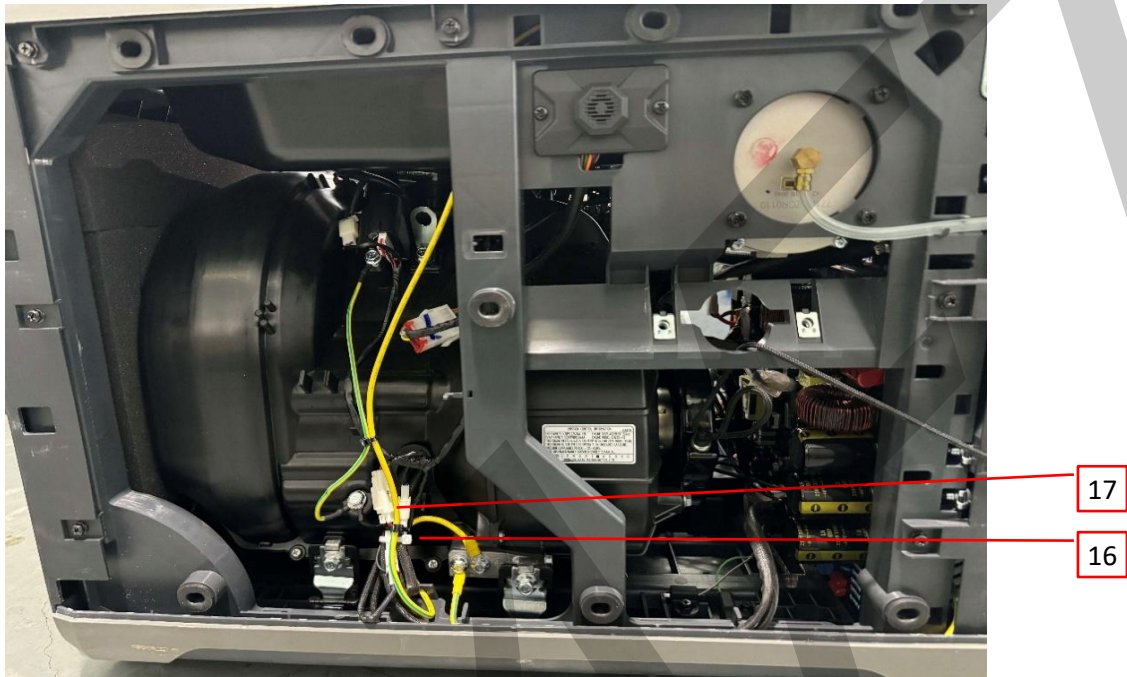
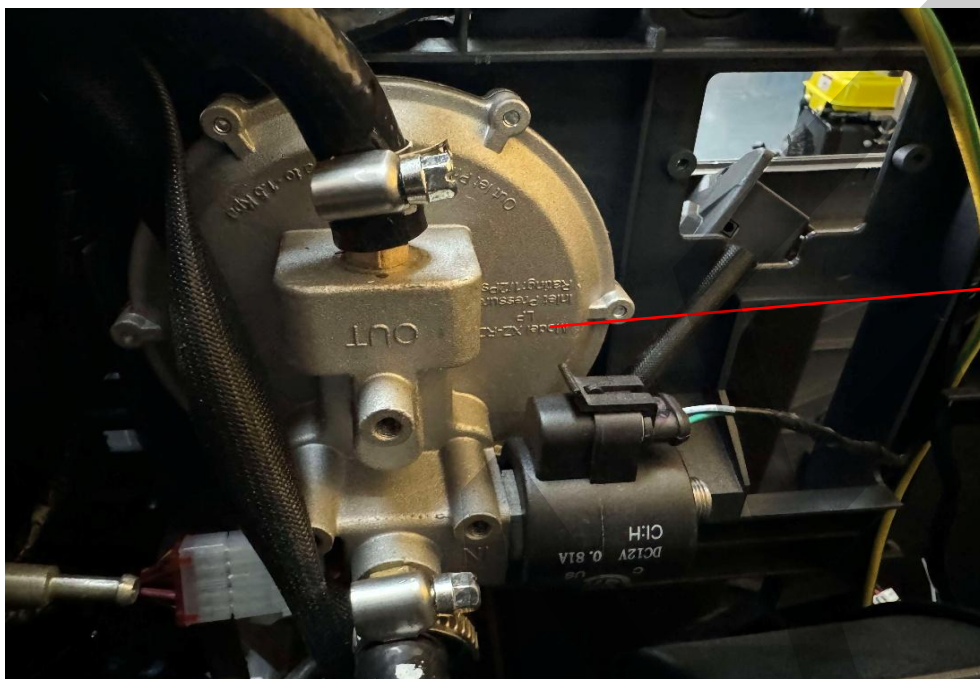


Photo 16 - Ground terminal bus



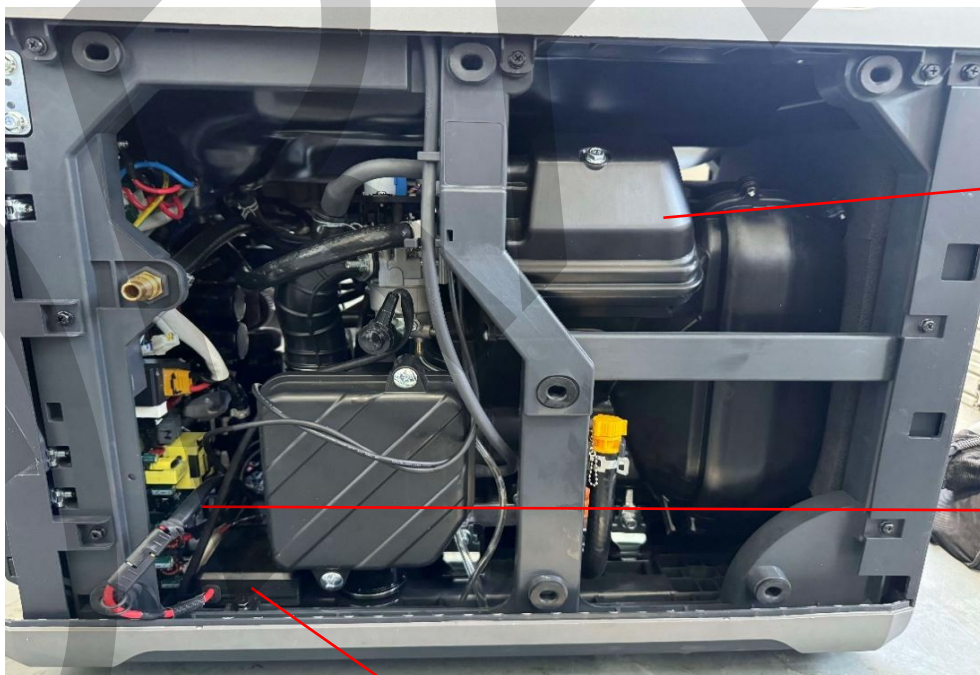
3.0 Product Photographs

Photo 17 - LPG/NG regulator and automatic gas valve



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Photo 18 - Inner view



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3.0 Product Photographs

Photo 19 - Lithium-ion battery

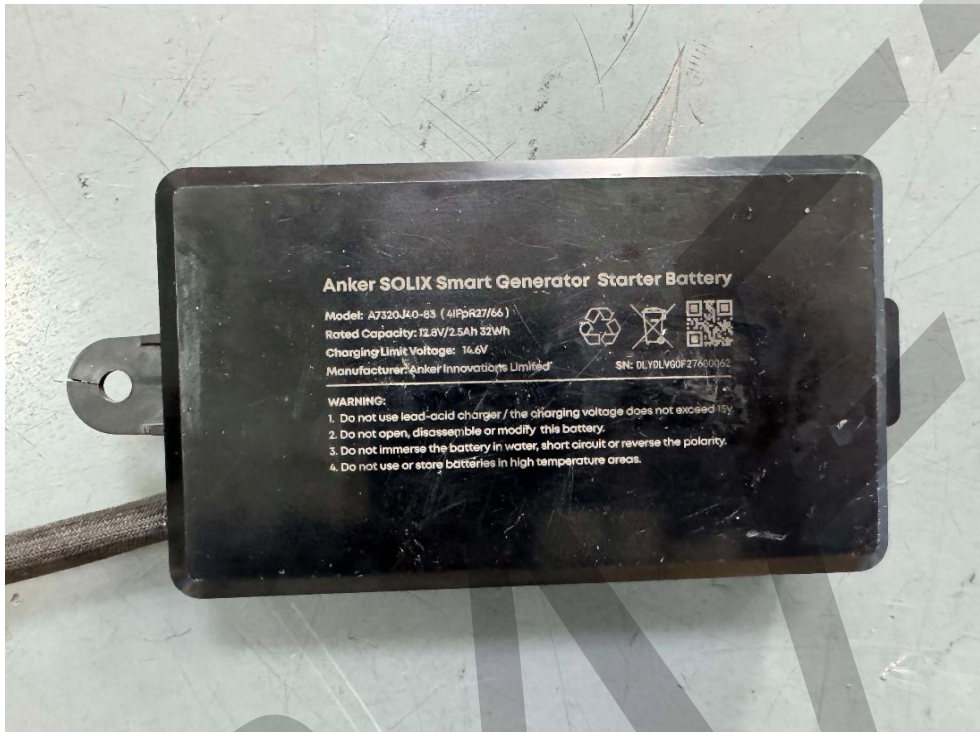
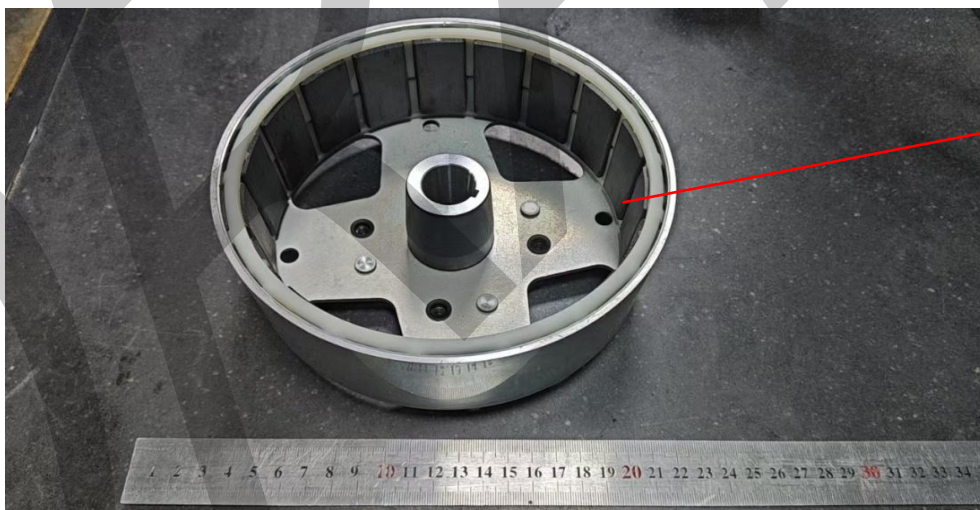


Photo 20 - Generator rotor



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3.0 Product Photographs

Photo 21 - Generator stator

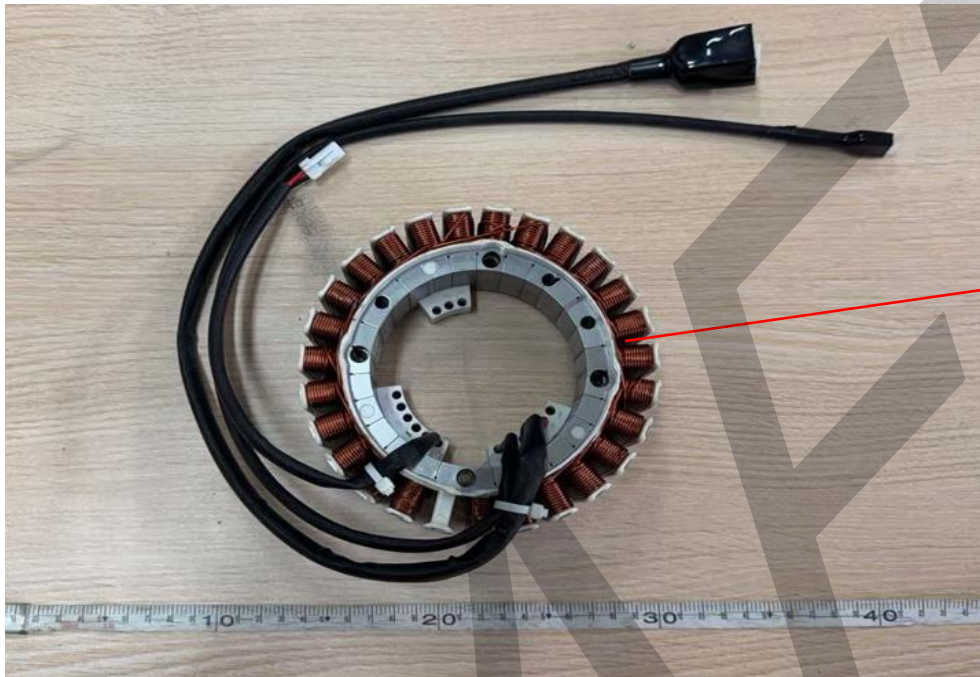
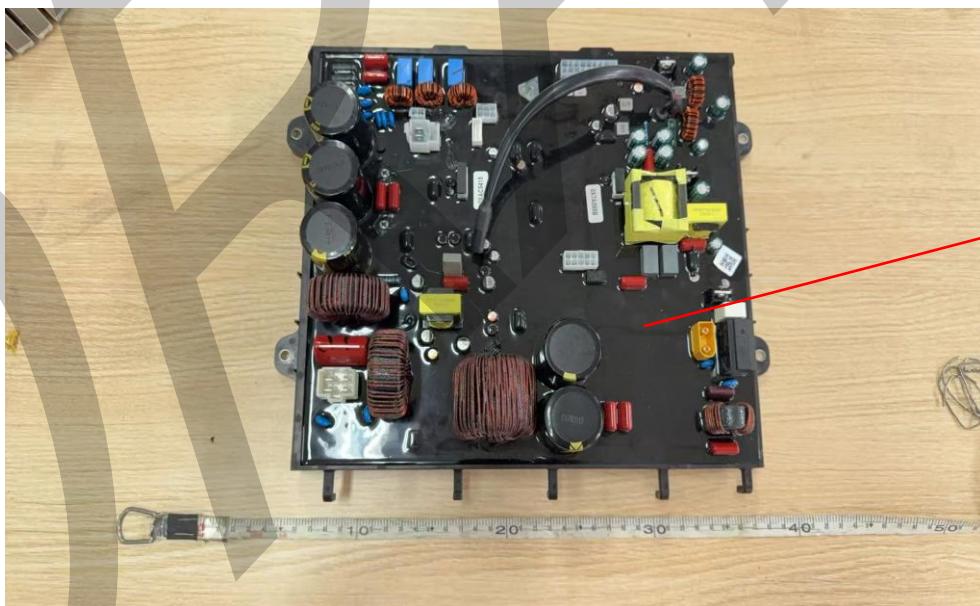


Photo 22 - Inverter



3.0 Product Photographs

Photo 23 - LPG regulator and hose

4.0 Critical Components						
Photo #	Item no. ¹	Name	Manufacturer/ trademark ²	Type / model ²	Technical data and securement means	Mark(s) of conformity ³
1	1	Marking label (not shown)	Brady Corp Asia Pte Ltd (MH16386)	B-423PL/FR	Rated -40~150 °C, affixed on PP enclosure	cURus
1	2	Enclosure and side cover	KINGFA SCI & TECH CO LTD (E171666)	PP-RG808 (ddd)	PP, All color, V-0, HWI=3, HAI=0, RTI=125, CTI=0, min. thickness 0.8mm	cURus
7	3	Enclosure of control panel	KINGFA SCI & TECH CO LTD (E171666)	PP-RG808 (ddd)	PP, All color, V-0, HWI=3, HAI=0, RTI=125, CTI=0, min. thickness 0.8mm	cURus
7	4	Control panel	KINGFA SCI & TECH CO LTD (E171666)	PP-RG808 (ddd)	PP, All color, V-0, HWI=3, HAI=0, RTI=125, CTI=0, min. thickness 0.8mm	cURus
7	5	20A AC protector	ZHEJIANG BSB ELECTRICAL APPLIANCES CO LTD (232406)	BC5-25 Series	125/250Vac, 20A, TC3, OL1, SC: U3, 0.3kA	cCSAus
			JOEMEX ELECTRIC CORP (E95802)	PE74 Series	250Vac, 20A, TC1, OL1, SC: U1a, 0.4kA	cURus
			WOKEMA ELECTRIC(ZHEJIANG)CO., LTD (250974)	W66 series	125/250Vac, 20A, TC1, OL1, SC: U3, 400A	cCSAus
			Various	Various	125/250Vac, 20A, TC3, OL1, SC: U3, 400A	cCSAus or cURus
7	6	30A AC protector	JOEMEX ELECTRIC CORP (E95802)	PE74 Series	250Vac, 30A, TC1, OL1, SC: U1a, 0.4kA	cURus
			WOKEMA ELECTRIC(ZHEJIANG)CO., LTD (250974)	W66 series	125/250Vac, 30A, TC1, OL1, SC: U3, 400A	cCSAus
			Various	Various	125/250Vac, 30A, TC3, OL1, SC: U3, 400A	cCSAus or cURus
7	7	DC power socket	DONGGUAN ONE WIRE HARNESS NEW ENERGY TECHNOLOGY CO LTD (E548013)	260-316F01	DC600V, 100A	cURus
7	8	AC120V 20A receptacle				cETLus
7	9	AC120V 30A non-locking receptacle				cETLus

4.0 Critical Components						
Photo #	Item no. ¹	Name	Manufacturer/ trademark ²	Type / model ²	Technical data and securement means	Mark(s) of conformity ³
10	10	Internal wire	XINYA ELECTRONIC CO LTD (E170689)	1007	For AC/DC control circuits: 18/20/22AWG, 300Vac, 80°C	cURus
				1015	600Vac/750VDC, 105°C, 12/14AWG for AC/DC main circuits, 18/20/22AWG for AC/DC control circuits	
			Xingda Technology Stock Co Ltd (E187208)	1007	For AC/DC control circuits: 18/20/22AWG, 300Vac, 80°C	cURus
				1015	600Vac/750VDC, 105°C, 12/14AWG for AC/DC main circuits, 18/20/22AWG for AC/DC control circuits	
			Various	1007	For AC/DC control circuits: 18/20/22AWG, 300Vac, 80°C	cURus
				1015	600Vac/750VDC, 105°C, 12/14AWG for AC/DC main circuits, 18/20/22AWG for AC/DC control circuits	
10	11	Heat-shrinkable tube	SHENZHEN WOER HEAT-SHRINKABLE MATERIAL CO LTD (E203950)	RSFR-H	600V, 125°C, VW-1	cURus
			Various	Various	600V, 125°C, VW-1	cURus
10	12	Fiberglass tubing	DONGGUAN JUYOU INSULATION MATERIALS CO LTD (E255729)	JYT	VW-1	cURus
			Various	Various	VW-1	cURus
10	13	PCB	SICHUAN HAIYING ELECTRONIC TECHNOLOGY CO LTD	HY-2	130°C, V-0, Min. thickness 2.0mm	cURus
			INNO CIRCUITS LTD	IQE-M2	130°C, V-0, Min. thickness 2.0mm	cURus
			Various	Various	130°C, V-0, Min. thickness 2.0mm	cURus
13	14	Fuel tank	Chongqing Huafan Machinery Manufacturing Co., Ltd.	16620-YXJ0110	Steel, Min. thickness: 1.0mm, 541mmx360mmx177.6mm	NR

4.0 Critical Components						
Photo #	Item no. ¹	Name	Manufacturer/ trademark ²	Type / model ²	Technical data and securement means	Mark(s) of conformity ³
14	15	Fuel pipe	Chongqing Yueli Rubber and Plastic Products Co., Ltd	CYR-YL2	Inner diameter: 4.5mm, ECO+FKM	NR
			Huizhou Jinhuang Industry Co., Ltd	HZR-A15	Inner diameter: 4.5mm, ECO+FKM	NR
			Chongqing Yuanping Polymer Material Technology Co.,Ltd	CHY-YP01	Inner diameter: 4.5mm, ECO+FKM	NR
			Sichuan Chuanhuan Technology Co.,Ltd	CHUANHUAN-VI15	Inner diameter: 4.5mm, ECO+FKM	NR
15	16	Wire tie	KINGFA SCI & TECH CO LTD (E171666)	PA6-C1(W) (ccc)	PA6, Rated HB, HWI=4, HAI=0, RTI=65, CTI=0, Min. thickness: 1.6mm	cURus
15	17	Quick connector	DONGGUAN JIAN HUI METAL & PLASTIC PARTS CO LTD E207921	J70215	for 22 - 10 AWG copper conductors	cURus
				J752		
				J704		
				J7187		
				J7585		
			ZHEJIANG HONGXING ELECTRICAL CO LTD (E344515)	HX250XX-T HX280XX-T HX300XX-T HX620XX-T HX630XX-T	for 22 - 10 AWG copper conductors	cURus
			Various	Various	for 22 - 10 AWG copper conductors	cURus
3	18	Muffler guard	KINGFA SCI & TECH CO LTD (E171666)	HFPA6-RG00	PA6, Rated V-0, HWI=1, HAI=0, RTI=65, CTI=0, Min. thickness: 3.0mm	cURus
				HFPA6-RG00 (ddd)		
18	19	Engine	Chongqing Rato Technology Co., Ltd.	EH225i-A	224cm ³ , 4800rpm Gasoline: 6.3kW, LPG: 5.7kW, NG: 5.0kW,	NR
18	20	PVC tube	DONGGUAN YONGCHAO NEW MATERIAL CO LTD (E484474)	YC-300	300V, 105°C, VW-1	cURus
			WENZHOU HONGXIN MECHANICAL AND ELECTRICAL TECHNOLOGY CO LTD (E305314)	HXT-300	300V, 105°C, VW-1	cURus
			Various	Various	300V, 105°C, VW-1.	cURus

4.0 Critical Components						
Photo #	Item no. ¹	Name	Manufacturer/ trademark ²	Type / model ²	Technical data and securement means	Mark(s) of conformity ³
18	21	Battery	Sichuan Liyang Industry Co., Ltd. (250700277HZH-001)	A7320J40-83	Lithium-ion, 12.8V, 2.5Ah	cETLus
20, 21	22	Generator	CHONGQING BAODI TECHNOLOGY CO.,LTD	30120-YXJ0110-0000	AC120V, 60Hz, 3.6kW; DC400V, 4.5kW, Class F	See 5.0
22	23	Inverter	Chongqing Lihua Automatic Technology Co., Ltd.	35001-YXJ0110	120V~, 60Hz, 4.0kW	NR
23	24	LPG regulator(not shown)	ChongQing Xiangzhong Gas Equipment Co.Ltd (302401)	RS2105	1/4"NPT x 1/8"NPT-straight Inlet Pressure: 25-250PSI, Outlet Pressure: 0.4PSI	cCSAus
23	25	LPG hose(not shown)	ChongQing Xiangzhong Gas Equipment Co.Ltd (302401)	HA-01	3/8 inches, Max. working pressure: 1PSI	cCSAus
23	26	Gas quick disconnect devices	ChongQing Xiangzhong Gas Equipment Co. Ltd (302401)	Q1	1/4 inches, Max. Allowable Working Pressure: 10 PSI	cCSAus
17	27	LPG/NG regulator and automatic gas valve				cCSAus

NOTES:

- 1) Not all item numbers are indicated (called out) in the photos, as their location is obvious.
- 2) "Various" means any type, from any manufacturer that complies with the "Technical data and securement means" and meets the "Mark(s) of conformity" can be used.
- 3) Indicates specific marks to be verified, which assures the agreed level of surveillance for the component. "NR" - indicates Unlisted and only visual examination is necessary. "See 5.0" indicates Unlisted components or assemblies to be evaluated periodically refer to section 5.0 for details.

5.0 Critical Unlisted CEC Components

INSULATED COIL

Photo #	Item no.	Name	Manufacturer/Trademark	Type / model			
20, 21	22	Generator	CHONGQING BAODI TECHNOLOGY CO.,LTD	30120-YXJ0110-0000			
Electrical Rating:		AC120V, 60Hz, 3.6kW; DC400V, 4.5kW		Insulation class:		F	
Standard:		CSA C22.2#100					
Winding Description:		Item	Wire Size (mm)	Wire Type	Turns	DC resistance (Ω)	
		Main winding	Ø1.3	Cu	168	0.570 at 24.2°C	
		Aux. winding	Ø0.5	Cu	36	0.391 at 24.2°C	
Dimension and weight:		Item	Weight (kg)	Out Diameter (mm)	Length (mm)	Lamination Thickness (mm)	Air Gap (mm)
		Stator	2.96	Ø156	40	0.5	0.5
		Rotor	2.75	Ø180	64	3.5	

MATERIALS LIST

Rated class 155(F) insulation system TaiHu 155-A by SUZHOU TAIHU ELECTRIC ADVANCED MATERIAL CO LTD (E233623). Including Winding, Stator Slot liner, Varnishes and Lead Wires. Provided with painted steel motor shell.

VERIFICATION PROCESS

Frequency: Annual	Test Site: CEC	Number of samples to test: 1
Test Name	Test Parameters	
Winding resistance	See resistance per winding above.	
Dielectric Strength	Apply voltage Between	Test Voltage
	Main winding to frame	1800 V
		Test Time
		1 min

6.0 Critical Features

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.

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.

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.

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 product standard.

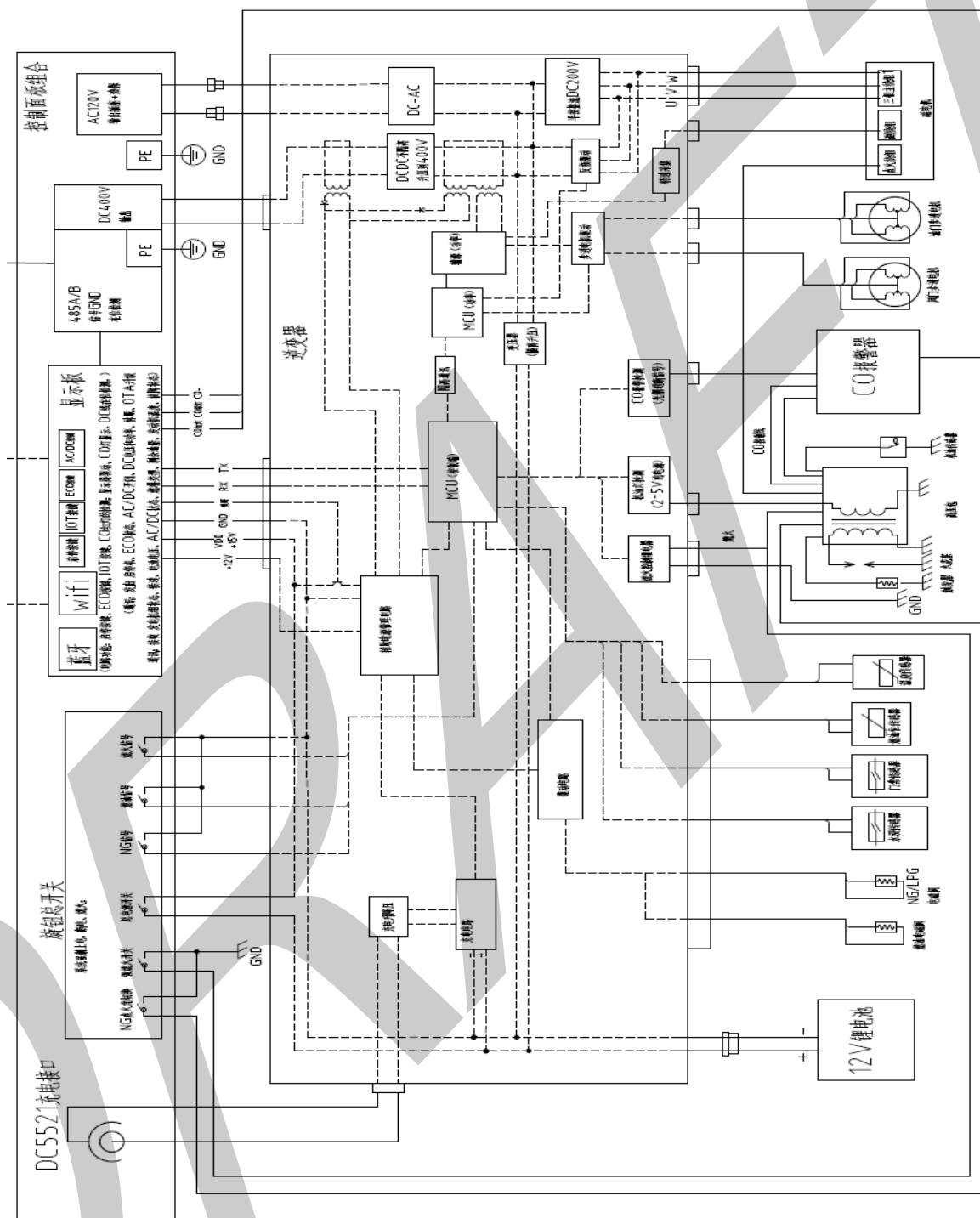
Construction Details - For specific construction details, reference should be made to the photographs and descriptions. All dimensions are approximate unless specified as exact or within a tolerance. In addition to the specific construction details described in this Report, the following general requirements also apply.

1. Spacing - In primary circuits, minimum spacing are maintained through air and over surfaces of insulating material between current-carrying parts of opposite polarity and between current-carrying parts and dead-metal parts:
 - 1). Between bare live parts of different voltage: more than 1.6mm Through Air and 2.4mm Over Surface
 - 2). Between bare live parts and non-current-carrying metal: more than 1.6mm Through Air and 2.4mm Over Surface
 - 3). Between bare live parts and removable metal enclosures: more than 3.2mm Through Air and 6.3mm Over Surface
2. Mechanical Assembly - Components such as switches, fuseholders, connectors, wiring terminals and display lamps are mounted and prevented from shifting or rotating by the use of lockwashers, starwashers, or other mounting format that prevents turning of the component.
3. Corrosion Protection - All ferrous metal parts are protected against corrosion by painting, plating or the equivalent.
4. Accessibility of Live Parts - All uninsulated live parts in primary circuitry are housed within a non-metallic enclosure constructed with no openings other than those specifically described in Sections 4 and 5.
5. Grounding - All exposed dead-metal parts and all dead-metal parts within the enclosure that are exposed to contact during any servicing operation are to be connected to the equipment grounding terminal.
6. Internal Wiring - Internal wiring is routed away from sharp or moving parts. Internal wiring leads terminating in soldered connections are made mechanically secure prior to soldering. Recognized Component separable (quick disconnect) connectors of the positive detent type, closed loop connectors, or other types specifically described in the text of this report are also acceptable as internal wiring terminals. At points where internal wiring passes through metal walls or partitions, the wiring insulation is protected against abrasion or damage by plastic bushings or grommets. All wiring is minimum 20AWG, with a minimum rating of 300Vac, 80°C.
7. Schematics - Refer to Illustration No.1 of Section 7 for schematics requiring verification during Field Representative Inspection Audits.
8. Markings - The product is marked on a labeling system as described in item No. 1 of Section 4.0 as follows:
 - a) the applicant's name or other symbol of identification;
 - b) the model, catalogue, style, or other type of designation;
 - c) the rated output in volt amperes, watts, or kilowatts;
 - d) the rated load speed or synchronous speed in revolutions per minute;
 - e) the frequency in hertz (for AC generators);
 - f) the number of phases (for AC generators), unless for single-phase operation;
 - g) the insulation system, using the appropriate letter code, and the maximum ambient temperature (in degrees Celsius) for which the generator is designed;
 - h) the month and year of manufacture. Date coding, serial numbers, or equivalent means may be used.

6.0 Critical Features

9. Cautionary Markings - The product is marked on a labeling system as described in item No.1 of Section 4.0 and Illustration No.2 of Section 7 for details:
WARNING: USING A GENERATOR INDOORS CAN KILL YOU IN MINUTES.
GENERATOR EXHAUST CONTAINS CARBON MONOXIDE, A POISONOUS GAS YOU CANNOT SEE OR SMELL.
NEVER USE IN THE HOME OR IN PARTLY ENCLOSED AREAS SUCH AS GARAGES.
USE ONLY OUTSIDE AND FAR FROM OPEN WINDOWS, DOORS, AND VENTS.
NEUTRAL FLOATING.
SYSTEM FLOATING
CAUTION: DO NOT EXPOSE TO RAIN.
WARNING: RISK OF EXPLOSIVE GAS MIXTURE. READ INSTRUCTIONS IN OWNER'S GUIDE BEFORE USING CHARGER.
ATTENTION: L'UTILISATION D'UN GÉNÉRATEUR À L'INTÉRIEUR PEUT VOUS TUER EN QUELQUES MINUTES.
LES GAZ D'ÉCHAPPEMENT DES GÉNÉRATEURS CONTIENNENT DU MONOXYDE DE CARBONE, UN GAZ TOXIQUE QUE VOUS NE POUVEZ NI VOIR NI SENTIR.
NE JAMAIS UTILISER À LA MAISON OU DANS DES ENDROITS PARTIELLEMENT CLOS TELS QUE LES GARAGES.
UTILISEZ SEULEMENT À L'EXTÉRIEUR ET LOIN DES FENÊTRES, DES PORTES ET DES ÉVENTS OUVERTS.
NEUTRE FLOTTANT.
RÉSEAU FLOTTANT
ATTENTION: NE PAS EXPOSER À LA PLUIE.
AVERTISSEMENT : RISQUE DE MÉLANGE DE GAZ EXPLOSIF. LISEZ LES INSTRUCTIONS DANS LE GUIDE DU PROPRIÉTAIRE AVANT D'UTILISER LE CHARGEUR.
- 10 Installation, Operating and Safety Instructions - Instructions for installation and use of this product are provided by the manufacturer.
- 1) THE GENERATOR IS ISOLATED FROM THE FRAME AND FROM THE AC RECEPTACLE GROUND PIN. ELECTRICAL DEVICES THAT REQUIRE A GROUNDED RECEPTACLE PIN CONNECTION WILL NOT FUNCTION IF THE RECEPTACLE GROUND PIN IS NOT FUNCTIONAL
 - 2) SAVE THESE INSTRUCTIONS. THIS MANUAL CONTAINS IMPORTANT SAFETY AND OPERATING INSTRUCTIONS
 - 3) WORKING IN THE VICINITY OF A LEAD-ACID BATTERY IS DANGEROUS. BATTERIES GENERATE EXPLOSIVE GASES DURING NORMAL BATTERY OPERATION. FOR THIS REASON IT IS OF THE UTMOST IMPORTANCE THAT EACH TIME BEFORE USING YOUR CHARGER, YOU READ AND FOLLOW THE INSTRUCTIONS PROVIDED EXACTLY
 - 4) TO REDUCE RISK OF BATTERY EXPLOSION, FOLLOW THESE INSTRUCTIONS AND THOSE MARKED ON THE BATTERY
 - 5) NEVER SMOKE OR ALLOW AN OPEN SPARK OR FLAME IN THE VICINITY OF THE BATTERY OR ENGINE
 - 6) NEVER CHARGE A FROZEN BATTERY
 - 7) IF IT IS NECESSARY TO REMOVE BATTERY FROM VEHICLE TO CHARGE IT, ALWAYS REMOVE GROUNDED TERMINAL FROM BATTERY FIRST. MAKE SURE ALL ACCESSORIES IN THE VEHICLE ARE OFF IN ORDER TO PREVENT AN ARC
 - 8) STUDY ALL BATTERY MANUFACTURER'S SPECIFIC PRECAUTIONS SUCH AS REMOVING OR NOT REMOVING CELL CAPS WHILE CHARGING AND RECOMMENDED RATES OF CHARGE
 - 9) NEVER PLACE THE CHARGER DIRECTLY ABOVE OR BELOW THE BATTERY BEING CHARGED; GASES OR FLUIDS FROM THE BATTERY WILL CORRODE AND DAMAGE THE CHARGER. LOCATE THE CHARGER AS FAR AWAY FROM THE BATTERY AS DC CABLES PERMIT
 - 10) DO NOT OPERATE CHARGER IN A CLOSED-IN AREA OR RESTRICT VENTILATION IN ANY WAY

Illustration 1 - Schematics



7.0 Illustrations

Illustration 2 - Cautionary Markings

⚠ DANGER	
Using a generator indoors CAN KILL YOU IN MINUTES.	
Generator exhaust contains carbon monoxide. This is a poison you cannot see or smell.	
Utilisant un générateur à l'intérieur PEUT VOUS TUER EN MINUTES. L'échappement de générateur contient l'oxyde de carbone. C'est un poison que vous ne pouvez pas voir ou sentir.	

 NEVER use inside a home or garage, EVEN IF doors and windows are open.	 Use only OUTSIDE and far from open windows, doors, and vents.
N'employez jamais à l'intérieur d'une maison ou d'un garage, MÊME SI les portes et les fenêtres sont ouvertes.	Employez seulement EN DEHORS et loin des fenêtres ouvertes, des portes, et des passages.

⚠ WARNING	
	Toxic Fumes Hazard. Running engines give off carbon monoxide, an odourless poisonous gas that can cause nausea, fainting, or death. Do not start or run engine indoors or in an enclosed area, even if windows and doors are open.

Risque toxique de vapeurs. Les moteurs courants dégagent le carbone oxyde, un gaz toxique inodore qui peut causer la nausée, l'évanouissement, ou la mort. Ne mettez pas en marche ou ne courez pas le moteur à l'intérieur ou dans un secteur inclus, même si les fenêtres et les portes sont ouvertes.

8.0 Test Summary					
Evaluation Period	2025-07-18 to 2025-09-30			Project No.	250700656HZH
Sample Rec. Date	7/17/2025	Condition	Prototype	Sample ID.	1250717-22-001 to 003, 1250728-39-001 to 010
Test Location	4th Floor, Building 4#, No. 22, 22nd Street, Qiantang District Hangzhou, China 310018				
Test Procedure	Testing Lab				
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 tests were performed:					
Test Description	CSA C22.2#100:2014 Ed.7+U1		CSA C22.2#107.2:2001 Ed.2+U1;U2		UL 1776:2002 Ed.3 +R:12Feb2019
Rating	12.4.3		--		--
Temperature	12.4.1		--		--
Dielectric Strength	12.4.4		--		--
Generator Probe Test	12.4.5		--		--
Impact Test	12.4.7		--		--
Temperature test	--		6.6		--
Dielectric Strength	--		6.7		--
Abnormal test: output short test	--		6.9.1.6		--
Abnormal test: component short and open test	--		6.9.3		--
Stability test	--		6.16.2		--
Impact Test	--		6.16.1		--
Protection against corrosion	--		--		104.2
Fuel lines pull tests	--		--		106.1
Backfire-Deflector Test	--		--		107

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:	Ric Li	Reviewed by:	Prince Tang
Title:	Project Engineer	Title:	Mandated Reviewer
Signature:		Signature:	

9.0 Correlation Page For Multiple Listings

The following products, which are identical to those identified in this report except for model number and Listee name, are authorized to bear the ETL label under provisions of the Intertek Multiple Listing Program.

BASIC LISTEE	Anker Innovations Limited
Address	Unit 56, 8th Floor, Tower 2, Admiralty Centre, 18 Harcourt Road, Hong Kong
Country	China
Product	Anker SOLIX Smart Generator 5500 (Tri-Fuel)

MULTIPLE LISTEE 1	None
Address	
Country	
Brand Name	
ASSOCIATED MANUFACTURER	
Address	
Country	
MULTIPLE LISTEE 1 MODELS	BASIC LISTEE MODELS

MULTIPLE LISTEE 2	None
Address	
Country	
Brand Name	
ASSOCIATED MANUFACTURER	
Address	
Country	
MULTIPLE LISTEE 2 MODELS	BASIC LISTEE MODELS

MULTIPLE LISTEE 3	None
Address	
Country	
Brand Name	
ASSOCIATED MANUFACTURER	
Address	
Country	
MULTIPLE LISTEE 3 MODELS	BASIC LISTEE MODELS

10.0 General Information

The Applicant and Manufacturer have agreed to produce, test and label ETL Listed products in accordance with the requirements of this Report. The Manufacturer has also agreed to notify Intertek and to request authorization prior to using alternate parts, components or materials.

COMPONENTS

Components used shall be those itemized in this Intertek report covering the product, including any amendments

LISTING MARK

The ETL Listing mark applied to the products shall either be separable in form, such as labels purchased from Intertek, or on a product nameplate or other media only as specifically authorized by Intertek. Use of the mark is subject to the control of Intertek.

The mark must include the following four items:

- 1) applicable country identifiers "US" and/or "C" or "US", "C" and "EU"
- 2) the word "Listed" or "Classified" or "Recognized Component" (whichever is appropriate)
- 3) a control number issued by Intertek
- 4) a product descriptor that identifies the standards used for certification. Example:

For US standards, the words, "Conforms to" shall appear with the standard number along with the word, "Standard" or "Std." Example: "Conforms to ANSI/UL Std. XX."

For Canadian standards, the words "Certified to CAN/CSA Standard CXX No. XX." shall be used, or abbreviated, "Cert. to CAN/CSA Std. CXX No. XX."

Can be used together when both standards are used.

If all standards on the ATM have the same standard title, the shared title or its abbreviation may be used in place of the examples above. Example: "Medical Electrical Equipment" or "MEE"; "Information Technology Equipment" or "ITE"; "Audio/Video Information And Communication Technology Equipment" or "A/V ICTE".

Note: A facsimile must be submitted to Intertek, Attn: Follow-up Services for approval prior to use.

The facsimile need not have a control number. A control number will be issued **after signed Certification Agreements** have been received by the Follow-up Services office, approval of the facsimile of your proposed Listing Mark, satisfactory completion of the Listing Report, and scheduling of a factory

MANUFACTURING AND PRODUCTION TESTS

Manufacturing and Production Tests shall be performed as required in this Report.

FOLLOW-UP SERVICE

Periodic unannounced audits of the manufacturing facility (and any locations authorized to apply the mark) shall be scheduled by Intertek. An audit report shall be issued after each visit. Special attention will be given to the following:

1. Conformance of the manufactured product to the descriptions in this Report.
2. Conformance of the use of the ETL mark with the requirements of this Report and the Certification Agreement.
3. Manufacturing changes.
4. Performance of specified Manufacturing and Production Tests.

In the event that the Intertek representative identifies non-conformance(s) to any provision of this Report, the Applicant shall take one or more of the following actions:

1. Correct the non-conformance.
2. Remove the ETL Mark from non-conforming product.
3. Contact the issuing product safety evaluation center for instructions.

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.

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

The manufacturer agrees to conduct the following Manufacturing and Production Tests as specified:

Required Tests

Dielectric Voltage Withstand Test
Grounding Continuity Test

11.1 Dielectric Voltage Withstand Test

Method

One hundred percent of production of the products covered by this Report shall be subjected to a routine production line dielectric withstand test.

The test shall be conducted on products, which are fully assembled. Prior to applying the test potential, all switches, contactors, relays, etc., should be closed so that all primary circuits are energized by the test potential. If all primary circuits cannot be tested at one time, then separate applications of the test potential shall be made.

The test voltage specified below shall be applied between primary circuits and accessible dead-metal parts. The test voltage may be gradually increased to the specified value but must be maintained at the specified value for one second or one minute as required.

Test Equipment

The test equipment shall incorporate a transformer with an essentially sinusoidal output, a means to indicate the applied test potential, and an audible and/or visual indicator of dielectric breakdown.

The test equipment shall incorporate a voltmeter in the output circuit to indicate directly the applied test potential if the rated output of the test equipment is less than 500VA.

If the rated output of the test equipment is 500VA or more, the applied test potential may be indicated by either:

- 1 - a voltmeter in the primary circuit;
- 2 - a selector switch marked to indicate the test potential; or
- 3 - a marking in a readily visible location to indicate the test potential for test equipment having a single test potential output.

In cases 2 and 3, the test equipment shall include a lamp or other visual means to indicate that the test potential is present at the test equipment output. All test equipment shall be maintained in current calibration.

Products Requiring Dielectric Voltage Withstand Test:

<u>Product</u>	<u>Test Voltage</u>	<u>Test Time</u>
All products covered by this Report.	1800V	60 s

11.2 Grounding Continuity Test

Method

Each product listed below shall be subjected to a test to determine that there is continuity between accessible dead-metal parts of the product and the grounding pin or blade of the attachment plug.

If all accessible dead metal is connected, only a single test need be performed. A visual or audible device (ohmmeter, buzzer, etc.) may be used to indicate grounding continuity.

Products Requiring Grounding Continuity Test:

All products covered by this Report.

12.0 Revision Summary

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

[illegible]