

Form C: Type Test Verification Report

Type Approval and **Manufacturer** declaration of compliance with the requirements of G98.

This form should be used when making a Type Test submission to the Energy Networks Association (ENA).

If the **Micro-generator** is **Fully Type Tested** and already registered with the ENA **Type Test Verification Report** Register, the **Installation Document** should include the **Manufacturer**'s Reference Number (the Product ID), and this form does not need to be submitted.

Where the **Micro-generator** is not registered with the ENA **Type Test Verification Report** Register this form needs to be completed and provided to the **DNO**, to confirm that the **Micro-generator** has been tested to satisfy the requirements of this EREC G98.

Manufactur	er's reference number	SPH 3600TL BL-UP.			
Micro-generator technology SPH 3000TL BL-UP, SPH 3			3600TL BL-UP.		
Manufacturer name Shenzhen			nenzhen Growatt New Energy Co., Ltd.		
Address		4-13th Floor, Building A, Sino-German Europe Industr Demonstration Park, No. 1, Hangcheng Avenue, Bao' District, Shenzhen, Guangdong, China.			
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E-mail	Peng.zhu@growatt.com	Web site	www.ginverter.com

	Connection Option					
Registered Capacity, use separate sheet if	2.5-3.6	kW single phase, single, split or three phase system				
more than one connection option.	N/A	kW three phase				
	N/A	kW two phases in three phase system				
	N/A	kW two phases split phase system				

Manufacturer Type Test declaration. - I certify that all products supplied by the company with the above **Type Tested** reference number will be manufactured and tested to ensure that they perform as stated in this document, prior to shipment to site and that no site modifications are required to ensure that the product meets all the requirements of EREC G98..

Signed	Jeng Zhu	On behalf of	Shenzhen Growatt New Energy Co., Ltd.

Note that testing can be done by the **Manufacturer** of an individual component or by an external test house.

Where parts of the testing are carried out by persons or organisations other than the **Manufacturer** then that person or organisation shall keep copies of all test records and results supplied to them to verify that the testing has been carried out by people with sufficient technical competency to carry out the tests.



1.Operating Range: This test should be carried out as specified in EN 50438 D.3.1.

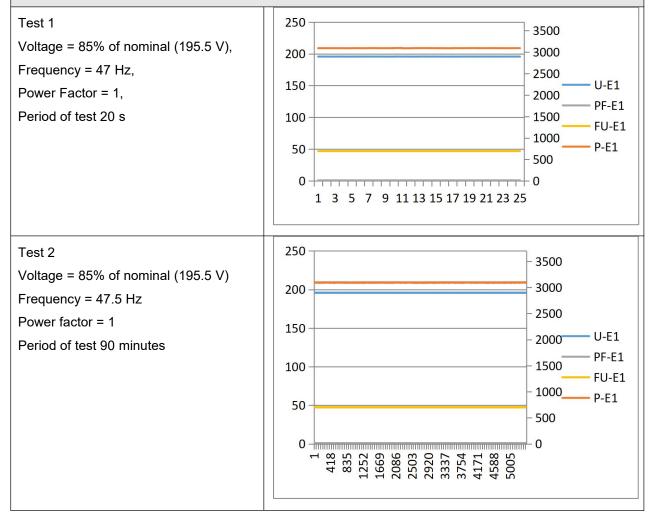
Active Power shall be recorded every second. The tests will verify that the **Micro-generator** can operate within the required ranges for the specified period of time.

The Interface Protection shall be disabled during the tests.

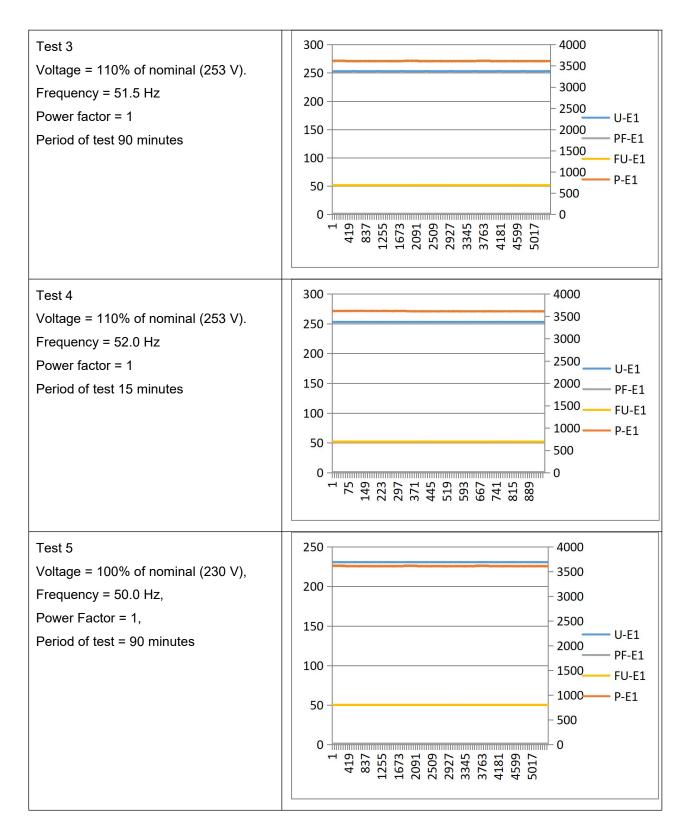
In case of a PV Micro-generator the PV primary source may be replaced by a DC source.

In case of a full converter **Micro-generator** (eg wind) the primary source and the prime mover **Inverter**/rectifier may be replaced by a **DC** source.

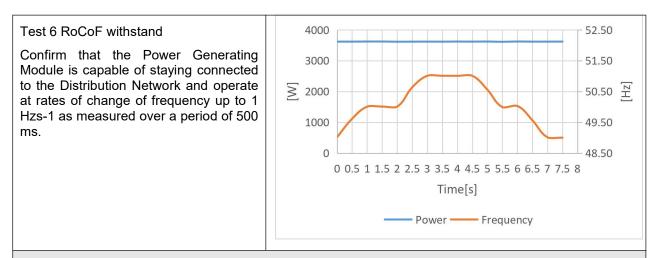
In case of a DFIG **Micro-generator** the mechanical drive system may be replaced by a test bench motor.











2.Power Quality – Harmonics: These tests should be carried out as specified in BS EN 61000-3-2. The chosen test should be undertaken with a fixed source of energy at two power levels a) between 45 and 55% and b) at 100% of Registered Capacity. The test requirements are specified in Annex A1 A.1.3.1 (Inverter connected) or Annex A2 A.2.3.1 (Synchronous).

Micro-generator tested to BS EN 61000-3-2

Micro-generator rating per phase (rpp)			3.6	3.6 kW		Ν	NV=MV*3.68/rpp	
Harmonic	At 45-55% of Registered Capacity			100% of Registered Capacity				
	Measured Value MV in Amps	Norma lised Value (NV) in Amps	Measured Value MV Amps	Value	n	Limit in BS EN 61000- 3-2 in Amps	Higher limit for odd harmonics 21 and above	
2	0.061	0.080	0.11	0.135		1.080		
3	0.188	0.229	0.21	0.258		2.300		
4	0.025	0.033	0.04	0.049		0.430		
5	0.113	0.139	0.131	0.161		1.140		
6	0.019	0.023	0.029	0.036		0.300		
7	0.069	0.085	0.079	0.097		0.770		
8	0.007	0.009	0.009	0.011		0.230		
9	0.045	0.055	0.059	0.072		0.400		
10	0.005	0.006	0.019	0.023		0.184		
11	0.027	0.033	0.049	0.060		0.330		



12	0.007	0.009	0.009	0.011	0.153	
13	0.007	0.009	0.051	0.063	0.210	
14	0.007	0.009	0.021	0.026	0.131	
15	0.008	0.010	0.031	0.038	0.150	
16	0.008	0.010	0.021	0.026	0.115	
17	0.017	0.021	0.049	0.060	0.132	
18	0.007	0.009	0.019	0.023	0.102	
19	0.027	0.033	0.049	0.060	0.118	
20	0.007	0.009	0.019	0.023	0.092	
21	0.037	0.045	0.069	0.085	0.107	0.160
22	0.017	0.021	0.019	0.023	0.084	
23	0.027	0.033	0.059	0.072	0.098	0.147
24	0.007	0.009	0.029	0.036	0.077	
25	0.037	0.045	0.059	0.072	0.090	0.135
26	0.007	0.009	0.009	0.011	0.071	
27	0.027	0.033	0.037	0.045	0.083	0.124
28	0.007	0.009	0.007	0.009	0.066	
29	0.038	0.047	0.049	0.060	0.078	0.117
30	0.008	0.010	0.009	0.011	0.061	
31	0.018	0.022	0.029	0.036	0.073	0.109
32	0.007	0.009	0.017	0.021	0.058	
33	0.017	0.021	0.027	0.033	0.068	0.102
34	0.007	0.009	0.019	0.023	0.054	
35	0.017	0.021	0.029	0.036	0.064	0.096
36	0.007	0.009	0.009	0.011	0.051	
37	0.007	0.009	0.019	0.023	0.061	0.091
38	0.007	0.009	0.009	0.011	0.048	



39	0.007	0.00	9	0.	.019	0.023	3	0.0)58	0.087	
40	0.008	0.01	C	0.	.011	0.01	3	0.0	0.046		
Note the higher limits for odd harmonics 21 and above are only allowable under certain conditions, if these higher limits are utilised please state the exemption used as detailed in part 6.2.3.4 of BS EN 61000-3-2 in the box below.											
3.Power Quality – Voltage fluctuations and Flicker : These tests should be undertaken in accordance with EREC G98 Annex A1 A.1.3.3 (Inverter connected) or Annex A2 A.2.3.3 (Synchronous).											
	Starting				Stoppin	g			Runnir	ng	
	d max	d c	d(t)		d max	dc	d(t)		P _{st}		P _{lt} 2 hours
Measured Values at test impedance	1.08	0.03	0		1.08	0.25	0		0.21		0.22
Normalised to standard impedance		0.03	0		1.08	0.25	0		0.21		0.22
Normalised to required maximum impedance											
Limits set under BS EN 61000- 3-11	4%	3.3%	3.3%)	4%	3.3%	3.3%		1.0		0.65
Test Impedance	R	0.4		Ω		х		0.2	25	Ω	
Standard Impedance	R	0.24* 0.4 [^]		Ω		Х		0.1 0.2	15* 25^	Ω	
Maximum Impedance	R	-		Ω		Х				Ω	

Applies to three phase and split single phase **Micro-generators**.

^ Applies to single phase **Micro-generators** and **Micro-generators** using two phases on a three phase system.

For voltage change and flicker measurements the following formula is to be used to convert the measured values to the normalised values where the power factor of the generation output is 0.98 or above.

Normalised value = Measured value*reference source resistance/measured source resistance at test



point.

Single phase units reference source resistance is 0.4 Ω

Two phase units in a three phase system reference source resistance is 0.4 $\boldsymbol{\Omega}.$

Two phase units in a split phase system reference source resistance is 0.24 Ω .

Three phase units reference source resistance is 0.24 $\Omega.$

Where the power factor of the output is under 0.98 then the X to R ratio of the test impedance should be close to that of the Standard Impedance.

The stopping test should be a trip from full load operation.

The duration of these tests need to conform to the particular requirements set out in the testing notes for the technology under test. Dates and location of the test need to be noted below.

Test start date	14,Jun,2022	Test end date	14, Jun,2022				
Test location	Growatt Global Certifi	Growatt Global Certification Lab					

4.Power quality – DC injection: This test should be carried out in accordance with EN 50438 Annex D.3.10

Test power level(3.6K)	20%	50%	75%	100%
Recorded value in Amps	20.4mA	24.3 mA	28.8mA	31.5mA
as % of rated AC current	0.13%	0.15%	0.18%	0.20%
Limit	0.25%	0.25%	0.25%	0.25%
Test power level(3K)	20%	50%	75%	100%
Recorded value in Amps	16.4mA	19.3 mA	22.6mA	24.5mA
as % of rated AC current	0.12%	0.15%	0.17%	0.19%
Limit	0.25%	0.25%	0.25%	0.25%

5.Power Quality – Power factor: This test shall be carried out in accordance with EN 50548 Annex D.3.4.1 but with nominal voltage -6% and +10%. Voltage to be maintained within $\pm 1.5\%$ of the stated level during the test.

	216.2 V	230 V	253 V
20% of Registered Capacity	0.97017	0.97824	0.97452
50% of Registered Capacity	0.99136	0.99127	0.98989



75% of Registered 0.99427 Capacity			0.99415			0.99303				
100% of Registered 0.99531 Capacity				0.99656		0.99576				
Limit		>0.95		>0.95		>0.95				
6.Protection – Frequency tests: These tests should be carried out in accordance with EN 50438 Annex D.2.4 and the notes in EREC G98 Annex A1 A.1.2.3 (Inverter connected) or Annex A2 A.2.2.3 (Synchronous)										
Function	Setting		Trip test	"No tr	"No trip tests"					
	Frequency	y Time delay	Frequency	Time delay	Frequ	iency /time	Confirm no trip			
U/F stage 1	47.5 Hz	20 s	47.48Hz	20.01s	47.7 I 30 s	Ηz	No trip			
U/F stage 2	47 Hz	0.5 s	47.01Hz	0.506s	47.2 19.5 s		No trip			
					46.8 0.45 :		No trip			
O/F stage 1	52 Hz	0.5 s	52.00Hz	0.514s	51.8 I 120.0		No trip			
					52.2 I 0.45 s		No trip			

Note. For frequency trip tests the frequency required to trip is the setting \pm 0.1 Hz. In order to measure the time delay a larger deviation than the minimum required to operate the projection can be used. The "No trip tests" need to be carried out at the setting \pm 0.2 Hz and for the relevant times as shown in the table above to ensure that the protection will not trip in error.

7.Protection – Voltage tests: These tests should be carried out in accordance with EN 50438 Annex D.2.3 and the notes in EREC G98 Annex A1 A.1.2.2 (**Inverter** connected) or Annex A2 A.2.2.2 (Synchronous)

Function	Setting		Trip test		"No trip tests"		
	Voltage	Time delay	Voltage	Time delay	Voltage /time	Confirm no trip	
U/V	184 V	2.5 s	184.5V	2.51s	188 V 5.0 s	No trip	
					180 V 2.45 s	No trip	
O/V stage 1	262.2 V	1.0 s	261.8V	1.01s	258.2 V 5.0 s	No trip	
O/V stage 2	273.7 V	0.5 s	273.0V	0.516s	269.7 V	No trip	



				0.95 s		
				277.7 V).45 s	No trip	
Note for Voltage tes deviation than the m ±4 V and for the rele	ninimum require	d to operate the	protection. The	No trip tests nee	ed to be carried	out at the settir
8.Protection – Los Inverters should be						
To be carried out at	three output po	wer levels with a	tolerance of plu	is or minus 5% ii	n Test Power lev	/els.
Test Power	10%	55%	100%	10%	55%	100%
Balancing load on islanded network	95% of Registered Capacity	95% of Registered Capacity	95% of Registered Capacity	105% of Registered Capacity	105% of Registered Capacity	105% of Registered Capacity
Trip time. Limit is 0.5 s	0.28s	0.33s	0.35s	0.31s	0.31s	0.32s
For Multi phase N single fuse as wel			at the device s	shuts down co	rrectly after th	e removal of
Test Power	10%	55%	100%	10%	55%	100%
Balancing load on islanded network	95% of Registered Capacity	95% of Registered Capacity	95% of Registered Capacity	105% of Registered Capacity	105% of Registered Capacity	105% of Registered Capacity
Trip time. Ph1 fuse removed	1	1	1	1	1	1
Test Power	10%	55%	100%	10%	55%	100%
Balancing load on islanded network	95% of Registered Capacity	95% of Registered Capacity	95% of Registered Capacity	105% of Registered Capacity	105% of Registered Capacity	105% of Registered Capacity
Trip time. Ph2 fuse removed	1	1	1	/	/	1
Test Power	10%	55%	100%	10%	55%	100%
Balancing load on islanded network	95% of Registered Capacity	95% of Registered Capacity	95% of Registered Capacity	105% of Registered Capacity	105% of Registered Capacity	105% of Registered Capacity

Note for technologies which have a substantial shut down time this can be added to the 0.5 s in establishing that the trip occurred in less than 0.5 s. Maximum shut down time could therefore be up to



1.0 s for these tec	hnologies	6.							
Indicate additional	shut dov	vn tim	e included in	above r	esults.			40ms	
For Inverters test table.	ed to BS	EN 6	2116 the follo	owing s	ub set o	of tes	ts shou	ld be recorded	in the following
Test Power and imbalance	33%		66%	100%	, 0	33%	6	66%	100%
Inibalance	-5% Q		-5% Q	-5%		-	% Q	+5% Q	+5% P
	Test 22		Test 12	Test	5	Tes	st 31	Test 21	Test 10
Trip time. Limit is 0.5 s	0.31s		0.35s	0.31s	6	0.3	2s	0.28s	0.27s
9.Protection – F accordance with E									
		Start	Frequency	Chang	е		Confirm	no trip	
Positive Vector Sh	nift	49.0	Hz	+50 de	grees		No Trip		
Negative Vector S	hift	50.0	Hz	- 50 degrees			No Trip		
10.Protection – 11.3, test procedu									
Ramp range		Test	Test frequency ram		np: Test Durat		tion Confirm no trip		
49.0 Hz to 51.0 Hz	2	+0.9	95 Hzs ⁻¹		2.1 s		N	o Trip	
51.0 Hz to 49.0 Hz	2	-0.95	95 Hzs ⁻¹		2.1 s		N	No Trip	
11.Limited Frequ accordance with E out using the spec	EN 50438	Anne	x D.3.3 Powe	er respo	onse to c	over-	frequer		
Test sequence at Registered Capacity >80%		Ac	easured tive Power tput		uency Pri		rimary Power Source		Active Power Gradient
Step a) 50.00 Hz :	±0.01 Hz	36	12.01W	50.00)Hz	370	3706.23W		-
Step b) 50.45 Hz :	±0.05 Hz	35	76.56W	50.44	4Hz				-
Step c) 50.70 Hz :	±0.10 Hz	34	02.02W	50.70)Hz	к.			-
Step d) 51.15 Hz :	±0.05 Hz	30	68.22W	51.15	5Hz				-
Step e) 50.70 Hz :	±0.10 Hz	33	98.15W	50.68	3Hz				-
Step e) 50.70 Hz ±0.10 Hz			577.15W 50.45						



Step g) 50.00 Hz ±0.01 Hz	3610.22W	50.01Hz		
Test sequence at Registered Capacity 40% - 60%	Measured Active Power Output	Frequency	Primary Power Source	Active Power Gradient
Step a) 50.00 Hz ±0.01 Hz	1806.82W	50.00Hz	1883.22W	-
Step b) 50.45 Hz ±0.05 Hz	1769.25W	50.45Hz		-
Step c) 50.70 Hz ±0.10 Hz	1587.56W	50.71Hz		-
Step d) 51.15 Hz ±0.05 Hz	1275.13W	51.14Hz		-
Step e) 50.70 Hz ±0.10 Hz	1592.47W	50.70Hz		-
Step f) 50.45 Hz ±0.05 Hz	1770.24W	50.46Hz		-
Step g) 50.00 Hz ±0.01 Hz	1803.66W	50.01Hz		

Steps as defined in EN 50438

12.Power output with falling frequency test: This test should be carried out in accordance with EN 50438 Annex D.3.2 active power feed-in at under-frequency.

Test sequence	Measured Active Power Output	Frequency	Primary power source
Test a) 50 Hz ± 0.01 Hz	3610.12W	50.00Hz	3701.17W
Test b) Point between 49.5 Hz and 49.6 Hz	3605.12W	49.55Hz	3695.32W
Test c) Point between 47.5 Hz and 47.6 Hz	3590.79W	47.54Hz	3698.12W

NOTE: The operating point in Test (b) and (c) shall be maintained for at least 5 minutes

13.Re-connection timer.

Test should prove that the reconnection sequence starts after a minimum delay of 20 s for restoration of voltage and frequency to within the stage 1 settings of Table 2. Both the time delay setting and the measured delay should be provided in this form; both should be greater than 20 s to pass. Confirmation should be provided that the Micro-generating Plant does not reconnect at the voltage and frequency settings below; a statement of "no reconnection" can be made.

Time delay setting	Measured delay		Checks on no reconnection when voltage or frequency is brought to just outside stage 1 limits of table 2.
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20S	30S		At 266.2	V At	180.0 V	At 4	47.4 Hz	At 52.1 Hz
	n that the does not re-con	Micro- nect.	Yes	Ye	S	Yes	5	Yes
	vel contributio (Inverter conne							EC G98/NI Annex
For machin	es with electro-	magneti	c output		For Inv	erter o	utput	
Parameter		:	Symbol	Value	Time fault	after	Volts	Amps
Peak Short	Circuit current		İp		20 ms		81.2V	29.3A
Initial Value	of aperiodic cu	urrent	Α		100 ms		77.4V	22.3A
Initial symm current*	netrical short-cir	cuit	I _k		250 ms		76.9V	16.2A
Decaying (a component current*	aperiodic) of short circuit		İDC		500 ms		73.4V	8.2A
Reactance/Resistance Ratio of source*			×/ _R		Time to	trip	0.225	In seconds
	machines and ent as seen at th					uld pro	duce a 0 s – 2 s	s plot of the short
	r these parame polation of the		ould be pro	ovided	where the sl	nort cir	cuit duration is s	sufficiently long to
15.Logic Interface.						Yes		
the signal the signal for detect	This equipment is equipped with RJ45 terminal for logic interface that being receivent the signal from the DNO, the connection should be installed per installation manual, a the signal should be a simple binary output that captured by RJ45 terminal(PIN 5 and for detecting the signal). Once the signal actived, the inverter will reduce its active power to zero within 5s.					on manual, and al(PIN 5 and 1		
16.Self-Monitoring solid state switching: No specified test requirements. Refer to EREC G98 Annex A1 A.1.3.6 (Inverter connected).					to Yes/or NA			
It has been verified that in the event of the solid state switching device failing to disconnect the Micro-generator , the voltage on the output side of the switching device is reduced to a value below 50 V within 0.5 s.								
17. Cyber security					Yes or NA			
statement c	t the Manufactu lescribing how juirements, as o	the Micro	o-generato				ovided a omply with cyber	Yes



Additional comments

Manufacturer's declaration in accordance with the requirements of G98-Amd. 6 (2021-09) standard Sec.s 9.7.1, 9.7.2, and G99-Amd. 8 (2021-09) standard Sec.s 9.1.7, 9.1.8 regarding "Cyber Security"

The undersigned *****,

as Marketing department of the Company ShenZhen Growatt New Energy

Co.,Ltd. ,

based in 4-13/F, Building A, Sino- German(Europe) Industrial Park, Hangcheng Ave,

Guxing Community, Xixiang Subdistrict, Bao'an District, Shenzhen, China

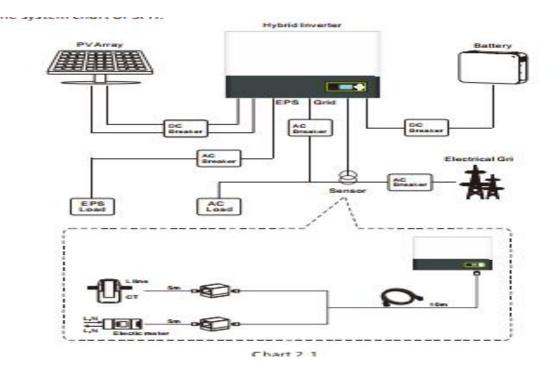
on behalf of the same Company declares the following:

1) The ShenZhen Growatt New Energy Co.,Ltd company's inverters include a system

of internal and

external logic communications as summarized in the following scheme:





where the main components involved and their main functions are explained in the following table:

Name	Meaning	Function	Location
PMS	Power Management System	monitoring and management of power fluxes through the inverter, execution of local logic functions depending on grid parameters values	Inverter
Monitoring	WIFI/GPRS	Monitoring device to realize remote monitoring function	Monitoring device
Router	Router device	transmission of data to cloud server, reception of commands/settings from external stakeholder	Third-party device
Meter	External Power Meter	meter at the AC input site, and possible meter at AC port of third party generator/inverter, for power measures	Third-party device

and the subjects/parties involved in communications with the Growatt inverters are listed in the

following table, together with the purposes of the respective communications:



Subject	Meaning	Operations
End-user	mobile device (App), PC (web portal)	monitoring of historical data, settings for special functions
Service	PC (via web portal)	remote diagnosis, system behaviour monitoring, remote updates, remote settings

2) All communications between internal components of the inverter, and supplied

External Power Meter(s), take place via appropriate serial lines (RS485, CanBus).

3) The only communication port between the inverter and the outside is constituted by

the monitoring device on the system; the communication between inverter and the

outside world can take place via an Ethernet line, WiFi or GPRS router according to

the customer's request.

4) All communications between the Growatt server and the subjects/parties are cyber-

protected by SSL

technology.

5) The cyber-security assessment of the Growatt was performed according to the

ETSI EN 303 645

standard, and it is reported according to the Table B.1 form of the same standard:

EN 303 645 v2.1.1 (2	020-06) Table B.1: I	mplementation of p	rovisions for consumer IoT security
Clause number and t	itle		· · · · · · · · · · · · · · · · · · ·
Reference	Status	Support	Detail
5.1 No universal defa	ault passwords		
Provision 5.1-1	M C (1)	N/A	
Provision 5.1-2	M C (1)	N/A	
Provision 5.1-3	M	N/A	There is no default passwords for
Provision 5.1-4	M C (8)	N/A	users
Provision 5.1-5	M C (5)	N/A	
5.2 Implement a mea	ans to manage repoi	rts of vulnerabilities	
Provision 5.2-1	Μ	Y	
Provision 5.2-2	R	Y	
Provision 5.2-3	R	Y	
5.3 Keep software up	odated		·



Provision 5.3-1	R	Y	
Provision 5.3-2	MC (5)	Y	
Provision 5.3-3	MC (12)	N/A	
Provision 5.3-4	RC (12)	Y	The manufacturer manages the updates of the systems by means of remote automatic, selectively by type of machine or by activating special functions at the request of the user
Provision 5.3-5	RC (12)	N	Check note at 5.3-4
Provision 5.3-6	RC (9,12)	N	Check note at 5.3-4
Provision 5.3-7	M C (12)	Y	
Provision 5.3-8	M C (12)	N	note at 5.3-4
Provision 5.3-9	R C (12)	N	
Provision 5.3-10	M (11,12)	Y	
Provision 5.3-11	RC (12)	N	
Provision 5.3-12	RC (12)	N	
Provision 5.3-13	M	Y	
Provision 5.3-14	R C (3,4)	N/A	
Provision 5.3-15	R C (3,4)	N/A	
Provision 5.3-16	M 0 (0) 1)	Y	
5.4 Securely store ser		-	
Provision 5.4-1	M	Y	
Provision 5.4-2	M(10)	Y	
Provision 5.4-3	M	N/A	hard-coded identity not used in source code
Provision 5.4-4	М	Y	
5.5 Communicate sec	curely		
Provision 5.5-1	Μ	Y	
Provision 5.5-2	R	Y	
Provision 5.5-3	R	Y	
Provision 5.5-4	R	Ν	
Provision 5.5-5	Μ	Y	
Provision 5.5-6	R	Y	
Provision 5.5-7	M	Y	
Provision 5.5-8	M	Y	
5.6 Minimize exposed	d attack surfaces		
Provision 5.6-1	M	Y	
Provision 5.6-2	M	Y	
Provision 5.6-3	R	Y	
Provision 5.6-4	MC(13)	N/A	
Provision 5.6-5	R	Y	
Provision 5.6-6	R	Y	
Provision 5.6-7	R	Y	
Provision 5.6-8	R	N	
Provision 5.6-9	R	Y	
5.7 Ensure software i	ntegrity	·	· ·
Provision 5.7-1	R	N	
Provision 5.7-2	R	N	
5.8 Ensure that perso	onal data is secure	I	1
Provision 5.8-1	R	N/A	
Provision 5.8-2	M	Y	applicable to server/cloud services and
			to the customer App for mobile



			devices
Provision 5.8-3	M	Y	
5.9 Make systems resil	_		
Provision 5.9-1	R	Y	
Provision 5.9-2	R	Y	
Provision 5.9-3	R	Y	
5.10 Examine system t	elemetry data		
Provision 5.10-1	RC (6)	N	
5.11 Make it easy for u	isers to delete user	data 🛛 👘	
Provision 5.11-1	М	N/A	
Provision 5.11-2	R	N/A	
Provision 5.11-3	R	N/A	
Provision 5.11-4	R	N/A	
5.12 Make installation	and maintenance	of devices easy	L
Provision 5.12-1	R	N/A	no istallation/maintenance operations
			are available to the final user
Provision 5.12-2	R	N/A	no istallation/maintenance operations
		,	are available to the final user
Provision 5.12-3	R	N/A	check note at 5.3-4
5.13 Validate input dat		14,7,1	
Provision 5.13-1	M	Y	
6 Data protection prov	•••	-	
Provision 6.1	M	γ	it only applies to the server/cloud side
		1	of the service
Provision 6.2		Y	
Provision 6.2	MC (7)	Y	it only applies to the server/cloud side of the service
Duraviaira C 2	N 4	Y	
Provision 6.3	M	Y	it only applies to the server/cloud side
	(-)		of the service
Provision 6.4	RC (6)	Y	
Provision 6.5	MC(6)	Y	
Conditions:			
1) passwords are used			
2) pre-installed passwo			
3) software componen		ble;	
4) the device is constra			
5) the device is not co			
6) telemetry data bein	-		
7) personal data is pro			onsent;
8) the device allowing			
9) the device supports			
10) a hard-coded uniqu			curity purposes;
11) updates are delive			
12) an update mechan			
13) a debug interface i	s physically access	ible.	
Status' Column:			
M: Mandatory provisi			
R: Recommended prov			
M C: Mandatory and co			
R C: Recommended an	d conditional provi	sion	
Support' Column:			
Y: Implemented			
N: Not implemented			
N/A: Not applicable			

