GOODWE

Smart optimisation of energy autonomy across residential ecosystems

- Optimised energy autonomy
- Smart and efficient operations
- Modern and compact design
- Highest safety standards

ENERGY STORAGE Inspection 2022

NO.6
93.4%

Operating at the heart of the integrated PV power and storage system, our ET PLUS+ hybrid inverters are designed to maximise energy output, enhance self-consumption, realise peak-shaving and facilitate backup power. With intelligent load controls and wide battery voltage range, the set-up can be flexibly configurated to meet individual needs across the residential ecosystem. Combine with GoodWe battery system Lynx Home F for a safe and reliable energy storage solution.

- Fanless and silent
- Smart home integration
- UPS level switching <10ms

Iris Hellas
Technology Innovations
www.irishellas.com

ET PLUS+ (16A) Series Hybrid Inverter I 5 – 10kW I 2 MPPTs I Three Phase I HV **EMEA**

ET PLUS+ (16A) Series

GOODWE

Technical Data	GW5KN-ET	GW6.5KN-ET	GW8KN-ET	GW10KN-ET
Battery Input Data				
Battery Type	Li-Ion			
Nominal Battery Voltage (V)	500			
Battery Voltage Range (V)	180 ~ 600			
Start-up Voltage (V)	180			
Number of Battery Input	1			
Max. Continuous Charging Current (A)	25			
Max. Continuous Discharging Current (A)	25			
Max. Charging Power (W)	7500	8450	9600	10000
Max. Discharging Power (W)	7500	8450	9600	10000
PV String Input Data				
Max. Input Power (W)	7500	9700	12000	15000
Max. Input Voltage (V)*1	1000			
MPPT Operating Voltage Range (V)*2	200 ~ 850			
Start-up Voltage (V)	180			
Nominal Input Voltage (V)	620			
Max. Input Current per MPPT (A)	16			
Max. Short Circuit Current per MPPT (A)	21.2			
Number of MPP Trackers	2			
Number of Strings per MPPT	1			
AC Output Data (On-grid)				
Nominal Output Power (W)	5000	6500	8000	10000
Nominal Apparent Power Output to Utility Grid (VA)	5000	6500	8000	10000
Max. Apparent Power Output to Utility Grid (VA)*2	5500	7150	8800	11000
Max. Apparent Power from Utility Grid (VA)	10000	13000	15000	15000
Nominal Output Voltage (V)	400 / 380, 3L / N / PE			
Output Voltage Range (V)	0 ~ 300			
Nominal AC Grid Frequency (Hz)	50 / 60			
AC Grid Frequency Range (Hz)	45 ~ 65			
Max. AC Current Output to Utility Grid (A)	8.5	10.8	13.5	16.5
Max. AC Current From Utility Grid (A)	15.2	19.7	22.7	22.7
Power Factor	~1 (Adjustable from 0.8 leading to 0.8 lagging)			
Max. Total Harmonic Distortion	<3%			
AC Output Data (Back-up)				
Back-up Nominal Apparent Power (VA)	5000	6500	8000	10000
Max. Output Apparent Power without Grid (VA)*3	5000 (10000@60sec)	6500 (13000@60sec)	8000 (16000@60sec)	10000 (16500@60sec)
Max. Output Apparent Power with Grid (VA)*3	5000	6500	8000	10000
Max. Output Current (A)	8.5	10.8	13.5	16.5
Nominal Output Voltage (V)	400 / 380			
Nominal Output Frequency (Hz)	50 / 60			
Output THDv (@Linear Load)	<3%			
Efficiency				
Max. Efficiency	98.0%	98.0%	98.2%	98.2%
European Efficiency	97.2%	97.2%	97.5%	97.5%
Max. Battery to AC Efficiency	97.5%			
MPPT Efficiency	99.9%			
Protection				
PV Insulation Resistance Detection	Integrated			
Residual Current Monitoring	Integrated			
PV Reverse Polarity Protection	Integrated			
Anti-islanding Protection	Integrated			
AC Overcurrent Protection	Integrated			
AC Short Circuit Protection	Integrated			
AC Overvoltage Protection	Integrated			
DC Switch	Integrated			
DC Surge Protection	Type II			
AC Surge Protection	Type III			
Remote Shutdown	Integrated			
General Data				
Operating Temperature Range (°C)	-35 ~ +60			
Relative Humidity	0 ~ 95%			
Max. Operating Altitude (m)	4000			
Cooling Method	Natural Convection			
User Interface	LED, APP			
Communication with BMS*4	RS485, CAN			
Communication with Meter	RS485			
Communication with Portal	WiFi / WiFi + LAN (Optional) / 4G (Optional)			
Weight (kg)	24			
Dimension (W x H x D mm)	415 x 516 x 180			
Topology	Non-isolated			
Self-consumption at Night (W)*5	<15			
Ingress Protection Rating	IP66			
Mounting Method	Wall Mounted			

*1: For 1000V system, Maximum operating voltage is 950V.
*2: According to the local grid regulation.
*3: Can be reached only if PV and battery power is enough.
*4: CAN communication is configured default. If RS485 communication is used, please replace the corresponding communication line.
*5: No Back-up Output.
*: Not all certifications & standards listed, check the official website for details.
*: Please visit GoodWe website for the latest certificates.

This datasheet provides information about products offered in the EMEA region.

Dyness
ENERGY STORAGE SYSTEM
Power You Day and Night

Tower

ENERGY STORAGE SOLUTIONS

Safe and Reliable • Quick Installation • IP54 Protection • Flexible Expansion

Features and Advantages

IP54
Floor-standing outdoor solutions

Pile Up Design
Wireless connection
Easy to install

Expandable
From 7.1kWh to 21.3kWh

High Voltage
High system Efficiency

Wide Compatibility
Matching with leading inverter brands

Self-adoption
Automatic configuration

Tel: +86 400 666 0655 Web: www.dyness-tech.com Email: sales@dyness-tech.com

Technical Parameters

Iris Hellas
Technology Innovations
www.irishellas.com

Model	Tower T7	Tower T10	Tower T14	Tower T17	Tower T21
Module Number	2	3	4	5	6
Nominal Capacity	37Ah	37Ah	37Ah	37Ah	37Ah
Nominal Battery Energy	7.10kWh	10.66kWh	14.21kWh	17.76kWh	21.31kWh
Nominal Voltage	192V	288V	384V	480V	576V
Maximum Continuous Discharge Power[2]	4.26kW	6.39kW	8.52kW	10.65kW	12.78kW
Maximum Continuous Charge Power[2]	4.26kW	6.39kW	8.52kW	10.65kW	12.78kW
Dimension[W*D*H]	504*380*700 mm	504*380*900 mm	504*380*1100 mm	504*380*1300 mm	504*380*1500 mm
Net Weight	105kg	146kg	187kg	228kg	269kg
Depth of Discharge	100%				
Charging Temp. Range	0~50℃				
Discharging Temp. Range	-10~50℃				
Communication	CAN				
Warranty	10 Years				
Warranty Document Supplied	Yes				
Calendar Life [1]	≥6000 Cycles				
Protection Level	IP54				
Color	White				
Alarms	Overcharge/Overdischarge/Overcurrent/Overtemperature/Short Circuit				
Pros	Can be used in both off-grid and hybrid setups, compact design, modular expansion				
Battery Module Type	HV9637				
Module Connection Method	Series				
Compatible Inverters	Goodwe/Solis/Hoymiles/Sermatec/ATESS/Sinexcel/Luxpower/ Sunways, more brands will be announced				
Certification	TUV/CE/IEC62619/IEC 62040/UN38.3/CEC Accredited/UL1973				

[1]Test conditions:0.2C Charging/Discharging,@25□,80% DOD
[2]Maximum Continuous Discharge/Charge Power when communicate with inverter is 0.6C

Battery Compatibility Overview

2) High-voltage Energy Storage Systems

Battery Brand	Battery Series	Battery Model	Inverter Series						
			ET (5-10kW)*	EH	BT	BH	EHB	ET (15-30kW)	ET G2
GOODWE	Lynx Home F[*1] Lynx Home F PLUS+[*2]	LX F6.6-H	●	●	●	●	●	●	●
		LX F9.8-H	●	●	●	●	●	●	●
		LX F13.1-H	●	●	●	●	●	●	●
		LX F16.4-H	●		●			●	●
	Lynx Home F G2[*3]	LX F9.6-H-P20	●	●	●	●	●		●
		LX F12.8-H-P20	●	●	●	●	●	●	●
		LX F16.0-H-P20	●	●	●	●	●	●	●
		LX F19.2-H-P20	●	●	●	●	●	●	●
		LX F22.4-H-P20	●		●			●	●
		LX F25.6-H-P20	●		●			●	●
		LX F28.8-H-P20						●	●
	Lynx Home D	LXD5.0-10							●

*. Including ET Series: ET PLUS+, ET PLUS+ (16A)
ET/EH/BT/BH/EHB:
*1. ARM firmware versions 19 and above are required for compatibility.
*2. ARM firmware versions 23 and above are required for compatibility.
*3. For compatibility, the ET/BT series requires ARM25 and DSP09 versions and above; the EHB series requires ARM25 and DSP version 03 and above; the EH/BH series requires ARM25 and DSP version 07 and above.
ET (15-30KW)/ET G2:
*3. For compatibility, the ET (15~30K) Series requires ARM07 and DSP version 06 and above.

Battery Brand	Battery Series	Battery Model	ET (5-10kW)*	EH	BT	BH	EHB	ET (15-30kW)	ET G2
BYD	Battery-Box HV Series[*1]	-	●	●	●	●			
	Battery-Box Premium HVM[*2]	HVM 8.3		●		●	●		
		HVM 11.0	●	●	●	●	●	●	●
		HVM 13.8	●	●	●	●	●	●	●
		HVM 16.6	●	●	●	●	●	●	●
		HVM 19.3	●	●	●	●	●	●	●
		HVM 22.1	●	●	●	●	●	●	●
	Battery-Box Premium HVS[*2]	HVS 5.1	●	●	●	●	●	●	●
		HVS 7.7	●	●	●	●	●	●	●
		HVS 10.2	●	●	●	●	●	●	●
		HVS 12.8	●		●			●	●

*. Including ET Series: ET PLUS+, ET PLUS+ (16A)
ET/EH/BT/BH/EHB:
*1. ARM firmware versions 07 and above are required for compatibility.
*2. ARM firmware versions 11 and above are required for compatibility.
ET15~30K:
*2. ARM firmware versions 02 and above are required for compatibility.
BYD CAN communication line PIN1/2 corresponds to inverter CAN communication line PIN4/5.
*2. HVS batteries combined with ET15~30K series cannot reach the maximum charging and discharging power of the inverter.

Battery Brand	Battery Series	Battery Model	ET (5-10kW)*	EH	BT	BH	EHB	ET (15-30kW)	ET G2
LG	RESU FLEX Series[*1]	FLEX 8.6	●						
		FLEX 12.9	●						
		FLEX 17.2	●						
	RESU Type-R Series	RESU10H_Type-R					●		
	RESU Prime Series[*2]	RESU10H Prime					●		
		RESU16H Prime					●		

*. Including ET Series: ET PLUS+, ET PLUS+ (16A)
ET/EH/BT/BH/EHB:
*1. Only compatible with ET PLUS+ Series. ARM firmware versions 23 and above are required for compatibility.
*2. ARM firmware versions 20 and above and DSP versions 02 and above are required for compatibility.

Battery Compatibility Overview

2) High-voltage Energy Storage Systems

Battery Brand	Battery Series	Battery Model	Inverter Series				
			ET (5-10kW)*	EH	BT	BH	ET G2
PYLON	Powercube H1 Series*1	POWERCUBE-H1-48	●	●	●	●	
	Force H1 Series*2	Force-H1	●	●	●	●	●
	Force H2 Series*2	Force-H2	●	●	●	●	
	Force H3 Series	Force-H3					●

*. Including ET Series: ET PLUS+, ET PLUS+ (16A)
ET/EH/BT/BH/EHB:
*1. ARM firmware versions 07 and above are required for compatibility. Please note that the nominal voltage of POWERCUBE-H1-48 Series must be within the Battery Voltage Range of GoodWe inverters. Maximum 8 units for EH/BH, and 11 units for ET/BT.
*2. ARM firmware versions 14 and above are required for compatibility. Please note that the nominal voltage of FORCE-H1 Series must be within the Battery Voltage Range of GoodWe inverters. At least 5 FORCE-H1 battery modules for ET.

Battery Brand	Battery Series	Battery Model	ET (5-10kW)*	EH	BT	BH	ET G2
DYNESS	Tower Series*1	Tower T7		●		●	
		Tower T10	●	●	●	●	
		Tower T14	●	●	●	●	
		Tower T17	●		●		

*. Including ET Series: ET PLUS+, ET PLUS+ (16A)
ET/EH/BT/BH/EHB:
*1. ARM firmware versions 10 and above are required for compatibility.

Battery Brand	Battery Series	Battery Model	ET (5-10kW)*	EH	BT	BH	ET G2
Soluna	HV Battery Series*1	Soluna 7K Pack HV		●		●	
		Soluna 10K Pack HV	●	●	●	●	
		Soluna 15K Pack HV	●		●		

*. Including ET Series: ET PLUS+, ET PLUS+ (16A)
ET/EH/BT/BH/EHB:
*1. ARM firmware versions 10 and above are required for compatibility.

Battery Brand	Battery Series	Battery Model	ET (5-10kW)*	EH	BT	BH	ET G2
iPotisEdge	Mint-JKE*1	Mint-JKE5		●		●	
		Mint-JKE10		●		●	
		Mint-JKE15	●	●	●	●	
		Mint-JKE20	●	●	●	●	

*. Including ET Series: ET PLUS+, ET PLUS+ (16A)
ET/EH/BT/BH/EHB:
*1. ARM firmware versions 12 and above are required for compatibility.

Battery Brand	Battery Series	Battery Model	ET (5-10kW)*	EH	BT	BH	ET G2
WTS	WTS Power-CORE 1.0*1	WTS Power-CORE 1.0-5.5					
		WTS Power-CORE 1.0-8.3	●		●		
		WTS Power-CORE 1.0-11.0	●		●		
		WTS Power-CORE 1.0-13.8	●		●		
	WTS Energy-CORE 1.0*1	WTS Energy-CORE 1.0-9.6					
		WTS Energy-CORE 1.0-12.8	●		●		
		WTS Energy-CORE 1.0-16.0	●		●		
		WTS Energy-CORE 1.0-19.2	●		●		
		WTS Energy-CORE 1.0-22.4	●		●		
		WTS Energy-CORE 1.0-25.6	●		●		

ET/BT:
*1. ARM firmware versions 14 and above are required for compatibility.

3) Commercial and Industrial Energy Storage Systems

Battery Brand	Battery Series	Battery Model	Inverter Series	
			ETC	BTC
GOODWE	Lynx C series*1	LX C 101-10	●	●
		LX C 120-10	●	●
		LX C 138-10	●	●
		LX C 156-10	●	●

ETC 50K/BTC 50K:
*1: EMS firmware versions 02 and above are required for compatibility.
ETC 100K:
*1. EMS firmware versions 00 and above are required for compatibility.

EU Declaration of Conformity EN English

We **GoodWe Technologies Co. Ltd.,** declare under our sole responsibility that the products referred to below,

Product: Hybrid Inverter

- GW5K-ET, GW5KL-ET, GW6KL-ET, GW6.5K-ET, GW8K-ET, GW8KL-ET, GW10K-ET, GW10KL-ET

are in conformity with the Union harmonisation legislation.

The inverter models equipped with the wireless communication modules Wi-Fi Kit/Wi-Fi Box/4G-Kit on the European market are in conformity with the following Union harmonisation legislation and directives:

- **Radio Equipment Directive 2014/53/EU (RED)**
- **Restrictions of Hazardous Substances Directive 2011/65/EU and (EU) 2015/863 (RoHS)**

Safety	EN 62109-1:2010 EN 62109-2:2011
EMC	EN IEC 61000-6-1:2019 EN IEC 61000-6-2:2019 EN 61000-6-3:2007 +A1:2011 +AC :2012 EN 61000-6-4:2007 +A1:2011 ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-17 V3.2.4
Radio	ETSI EN 300 328 V2.2.2
Health	EN IEC 62311:2020

The inverter models without wireless communication function on the European market are in conformity with the following Union harmonisation legislation and directives:

- **Electromagnetic compatibility Directive 2014/30/EU (EMC)**
- **Electrical Apparatus Low Voltage Directive 2014/35/EU (LVD)**
- **Restrictions of Hazardous Substances Directive 2011/65/EU and (EU) 2015/863 (RoHS)**

Safety	EN 62109-1:2010 EN 62109-2:2011
EMC	EN IEC 61000-6-1:2019 EN IEC 61000-6-2:2019 EN 61000-6-3:2007 +A1:2011 +AC :2012 EN 61000-6-4:2007 +A1:2011

CE marked date: date: 2018

Documentation demonstrating compliance with the above Directives and standards is available for inspection.

No.90 Zijin Rd., New District, Suzhou, 215011, China, 2022-03-26

Tao Jiang Jiang Tao

Safety Manager

GoodWe Technologies Co. Ltd.

Δήλωση συμμόρφωσης ΕΕ

EL Ελληνικά Greek

Η εταιρεία **GoodWe Technologies Co. Ltd.**, δηλώνει με αποκλειστική της ευθύνη πως τα παρακάτω προϊόντα

Προϊόντα:Υβριδικός μετατροπέας

- GW5K-ET, GW5KL-ET, GW6KL-ET, GW6.5K-ET, GW8K-ET, GW8KL-ET, GW10K-ET, GW10KL-ET

Συμμορφώνονται με την νομοθεσία εναρμόνισης της Ενωσης.

Οι αντιστροφείς που είναι εξοπλισμένοι με τις ασύρματες μονάδες επικοινωνίας Wi-Fi Kit/Wi-Fi Box/4G-Kit στην Ευρωπαική αγορά συμμορφώνονται με την ακόλουθη νομοθεσία και οδηγίες εναρμόνισης της Ενωσης:

- **Οδηγία Ραδιοεξοπλισού 2014/53/EU (RED)**
- **Οδηγία για τους περιορισμούς επικίνδυνων ουσιών 2011/65/EU και (EU) 2015/863 (RoHS)**

Safety	EN 62109-1:2010 EN 62109-2:2011
EMC	EN IEC 61000-6-1:2019 EN IEC 61000-6-2:2019 EN 61000-6-3:2007 +A1:2011 +AC :2012 EN 61000-6-4:2007 +A1:2011 ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-17 V3.2.4
Radio	ETSI EN 300 328 V2.2.2
Health	EN IEC 62311:2020

Οι αντιστροφείς που δεν υποστηρίζουν λειτουργία ασύρματης επικοινωνίας στην Ευρωπαική αγορά συμμορφώνονται με την ακόλουθη νομοθεσία και οδηγίες εναρμόνισης της Ενωσης :

- **Οδηγία ηλεκτρομαγνητικής συμβατότητας 2014/30/EU (EMC)**
- **Οδηγία Χαμηλής τάσης για ηλεκτρικές συσκευές 2014/35/EU (LVD)**
- **Οδηγία για τους περιορισμούς επικίνδυνων ουσιών 2011/65/EU και (EU) 2015/863 (RoHS)**

Safety	EN 62109-1:2010 EN 62109-2:2011
EMC	EN IEC 61000-6-1:2019 EN IEC 61000-6-2:2019 EN 61000-6-3:2007 +A1:2011 +AC :2012 EN 61000-6-4:2007 +A1:2011

CE σημειωμένη ημερομηνία: 2018.

Διατίθεται προς επιθεώρηση η τεκμηρίωση που αποδεικνύει τη συμμόρφωση με τις παραπάνω οδηγίες και πρότυπα .

No.90 Zijin Rd., New District, Suzhou, 215011, China, 2022-03-26

Tao Jiang

Safety Manager

GoodWe Technologies Co. Ltd.

TÜV Rheinland (China) Ltd.
Member of TÜV Rheinland Group

TÜVRheinland®
Precisely Right.

GoodWe Technologies Co., Ltd.
Mr. Jiang Tao

No.90 Zijin Rd., New District
215011 Suzhou
P.R. China

Date : 24.04.2022
Our ref. : Jiangyi 01
Your ref.: Jiang Tao

Ref : AK Certificate of Conformity

Type of Equipment : Hybrid Inverter
Model Designation : See Certificate
Certificate No. : AK 50540919 0001
Report No. : 50248862 003

Dear Mr. Jiang Tao,

We herewith confirm that a sample of the above mentioned technical equipment has been tested and was found to be in accordance with the relevant requirements.

Enclosed please find your Certificate of Conformity.

We appreciate your kind support and would like to offer our assistance and continuous services in the future.

With kind regards,

Certification Body

Weichun Li

CC: GoodWe Technologies Co., Ltd.

Enclosure

TÜV Rheinland (China) Ltd.
莱茵检测认证服务（中国）有限公司
Room 301, 3F and Room 1203, 12F, Building C, CATIC Plaza , No. 15, Ronghua South Road, Beijing Economic-Technological Development Area, 100176, Beijing
北京市北京经济技术开发区荣华南路15号院中航技广场C座3层301室、12层1203室
邮编：100176
Tel: 86 10 8524 2222
Fax: 86 10 8524 2200
e-mail: info@bj.chn.tuv.com
Internet: http://www.chn.tuv.com

C E R T I F I C A T E

of Conformity

Registration No.: AK 50540919 0001

Report No.: 50248862 003

Holder:

GoodWe Technologies Co., Ltd.
No.90 Zijin Rd., New District
215011 Suzhou
P.R. China

Product:

PV-Inverter
(Hybrid Inverter)

Identification:

Type Designation: GW10KN-ET GW8KN-ET GW6.5KN-ET GW5KN-ET
GW10K-ET GW8K-ET GW6.5K-ET GW5K-ET
Serial Number : Engineering Samples
Remark : Refer to test report 50248862 003
for details.

Tested acc. to:

IEC 61727:2004
IEC 62116:2014

The certificate of conformity refers to the above mentioned product. This is to certify that the specimen is in conformity with the assessment requirement mentioned above. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity.

Certification Body

Date 24.04.2022

TÜV Rheinland LGA Products GmbH

Weichun Li

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

C E R T I F I C A T E

of Conformity

EC Council Directive 2014/30/EU

Electromagnetic Compatibility

TÜVRheinland®

Registration No.: AE 50469493 0001

Report No.: 50378122 001

Holder: DAQIN NEW ENERGY TECH
(TAIZHOU) CO.,LTD.
199 Keji Road ,Sanshui Street ,
Jiangyan District ,Taizhou City
Jiangsu
P.R. China

Product: Energy Storage system
(Battery Rack)

Identification: T7 T10 T14 T17 T21 HV9637 (DYNESS)
Serial No.: n.a.
Remark: Refer to test report 50378122 001 for details.

Tested acc. to:
EN 61000-6-1:2007
EN 61000-6-2:2005
EN 61000-6-3:2007+A1
EN 61000-6-4:2007+A1
IEC 61000-6-1:2005
IEC 61000-6-2:2005
IEC 61000-6-3:2006+A1
IEC 61000-6-4:2006+A1

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with all provisions of Annex I of Council Directive 2014/30/EU. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to the a.m. Directive.

Certification Body

TÜV Rheinland LGA Products GmbH Zertifizierungsstelle TÜVRheinland®

Date 05.06.2020

Xinhua Lu

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

CE The CE marking may only be used if all relevant and effective EC Directives are complied with. CE

Zertifikat *Certificate*

TÜVRheinland®

Zertifikat Nr. *Certificate No.*
R 50473036

Blatt *Sheet*
0001

Ihr Zeichen *Client Reference*	**Unser Zeichen** *Our Reference*	**Ausstellungsdatum** *Date of Issue*
L.H.Q	02-XGJ-60356377 001	02.07.2020 *(day/mo/yr)*

Genehmigungsinhaber *License Holder*
DAQIN NEW ENERGY TECH
(TAIZHOU) CO.,LTD.
199 Keji Road ,Sanshui Street ,
Jiangyan District ,Taizhou City
Jiangsu
P.R. China

Fertigungsstätte *Manufacturing Plant*
DAQIN NEW ENERGY TECH
(TAIZHOU) CO.,LTD.
199 Keji Road ,Sanshui Street ,
Jiangyan District ,Taizhou City
Jiangsu
P.R. China

Prüfzeichen *Test Mark*

TÜVRheinland® CERTIFIED
Type Approved
Safety
Regular Production
Surveillance
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ID 1111226006

Geprüft nach *Tested acc. to*
IEC 62619:2017
EN 62619:2017

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Stationary Battery (RECHARGEABLE LI-ION BATTERY)

Type Designation	: (1) T7, (2) T10, (3) T14, (4) T17, (5) T21 (DYNESS)	12
Ratings	: (1) 192V, 7.1kWh, (2) 288V, 10.66Wh, (3) 384V, 14.21kWh, (4) 480V, 17.76kWh (5) 576V, 21.31kWh	
		12

ANLAGE (Appendix): 1.0

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.
This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.

TÜV Rheinland LGA Products GmbH — TÜVRheinland® — Zertifizierungsstelle

Zertifizierungsstelle

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TÜVRheinland®

Certificate no. TU 50507254 01

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Manufacturing Plant:
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Test report no.: USA-SWL CN21Z79K 001 **Client Reference:** Liu Huaqin

Tested to: ANSI/CAN/UL 1973:2018

Certified Product: (LFP Lithium Ion Battery Energy Storage System) **License Fee - Units**

Type Designation: T7-US T10-US T14-US T17-US T21-US 11

Trademark : DYNESS

Other Data : See Appendix (Construction Data Form)

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Appendix: 1.0

Licensed Test mark:

TÜV Rheinland of North America, Inc. US

Date of Issue (day/mo/yr)
05/07/2021

TÜV Rheinland(China) Co., Ltd.
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