

Certificate of Conformity

By the product certificate number / Dal numero di certificato del prodotto

No. 2621/0051-CER/E1

Issued to / Rilasciato a:

License holder / Titolare della licenza:

Daqin New Energy Tech (Taizhou) Co., Ltd.
199 Keji Road, Sanshui Street, Jiangyan District, Taizhou city,
Jiangsu Province, P.R. China

Manufacturer / Costruttore:

Jiangsu GoodWe Power Supply Technology Co., Ltd.
No. 90 Zigin Rd., New District, Suzhou, 215011, P.R.China



Trademark / Marchio:



Type of generating unit / Tipologia di apparato:

Interface device / Dispositivo di interfaccia	Interconnection protection device / Protezione di interfaccia	Static Power Converter / Dispositivo di conversione statica	Rotatory Power Converter / Dispositivo di generazione rotante
		X	--

Models / Modelli:

GW3048-EM / GW3648-EM / GW5048-EM

Technical Data / Dati Tecnici:

Rated Power / Potenza Nominale 3000 W / 3680 W / 4600 W
Rated Voltage / Tensione Nominale 230 V
Rated Frequency / Frequenza Nominale 50 Hz
Firmware version / Versione Firmware 0909A
Number of phases / Numero di fasi Single phase / Monofase
Isolation Transformer / Trasformatore di isolamento NO

Batterie models / Modelli di batteria

**B4850 / PowerDepot H2.5 /
PowerDepot H5 / Powerbox F-7.5 /
Powerbox F-10.0**

Remarks / Notes: The device is capable to limit the Idc to 0,5% of the nominal current. / Il dispositivo è in grado di limitare la Idc allo 0,5% della corrente nominale.

(See more information in pages 2 and 3 of this certificate / Vedere ulteriori informazioni nelle pagine 2 e 3 di questo certificato)

Avendo valutato i rapporti di prova rilasciati da laboratori accreditati secondo i requisiti della norma UNE-EN ISO / IEC 17025.

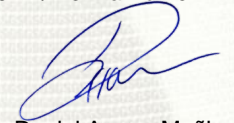
We certify that the **Hybrid Inverter** indicated meet the requirements laid down by **CEI 0-21:2019-04** "Reference technical rules for the connection of active and passive users to the LV electrical Utilities", **Allegato Bbis / Si certifica che gli Inverter Ibridi indicati soddisfano i requisiti della norma tecnica CEI 0-21: 2019-04 "Regola tecnica di riferimento per la connessione di Utenti attivi e passivi alla rete BT delle imprese distributrici di energia elettrica", Allegato Bbis.**

The above-mentioned generating unit is certified according the SGS internal procedure PE.T-ECPE-06 based on the requirements of the UNE-EN ISO / IEC17065 / La sudetta unità di produzione è certificata secondo la procedura interna PE.T-ECPE-06 in base ai requisiti della UNE-EN ISO / IEC 17065.

First issued on / Prima emesso il: 10th March 2021 / 10 Marzo 2021.

This certificate is valid until / Questo certificato è valido fino al: 10th March 2024 / 10 Marzo 2024.

Madrid, 10th March 2021



Daniel Arranz Muñiz
Certification Manager



Full list of nominal characteristics:

Technical Data	GW3048-EM	GW3648-EM	GW5048-EM
Solar input			
Max. DC Power	3900W	4600W	6500W
Max. Solar voltage	550Vdc		
Solar MPPT voltage range	100 - 500Vdc		
Max. input current	11A		
Max. short-circuit current	13.8A		
Battery Data			
Battery type	Li-Ion		
Nominal voltage	48Vdc		
Operating voltage range	< 60Vdc		
Max. charging/discharging power	2600W	2600W	2600W
Backup Output			
Output rate power	3000VA	3680VA	5000VA
Nominal output voltage	230V.a.c		
Output frequency	50Hz		
AC Output			
Nominal AC output power	3000W	3680W	4600W
Rated output current	13.0A	16.0A	20A
AC nominal voltage	230V.a.c		
AC grid frequency	50Hz		
Power factor	1 (Adjust between 0.8leading and 0.8lagging)		
General			
Operating temperature range	-25 °C to +60 °C		
Topology	Battery Isolation		
Degree of protection	IP65		



Battery models used for validation testing compatible with ESS converters covered by the scope of this certificate:

Battery model	B4850	PowerDepot H2.5	PowerDepot H5	Powerbox F-7.5	Powerbox F-10.0
Manufacturer information	Daqin New Energy Tech (Taizhou) Co., Ltd.				
Nominal Voltage	48Vdc				
Nominal capacity	50Ah	50Ah	100Ah	150Ah	200Ah
Rated energy	2.4kWh	2.4kWh	4.8kWh	7.2kWh	9.6kWh
voltage range	42V-54Vdc	42V-54Vdc	42V-54Vdc	42V-54Vdc	42V-54Vdc
Battery module	B4850	B4850	B4850	B4850	B4850
Battery Module Quantity(pcs)	1	1	2	3	4
size	480*360*90 mm	555*210*599 mm	555*210*599 mm	555*210*928 mm	555*210*928 mm
weight	23kg	44kg	67kg	91kg	113kg
IP rating	IP20	IP65	IP65	IP65	IP65

