Unit Certificate
Einheitenzertifikat

By the product certificate number / *Durch die Produktzertifikatsnummer* **No. 260045RECH01-A-CER**

Issued to / *Lautend auf*
License holder / *Lizenzinhaber:* **Jackery Technology GmbH**
Bahnstraße 9, 40212 Düsseldorf Germany

Trademark / *Warenzeichen:* Jackery

Manufacturer / *Hersteller:* **Shenzhen Hello Tech Energy Co., Ltd.**
Floor 1~5 of Building 4, Floor 2, 3, 4 and 5 of Building 7, Jia'anda Industrial Zone, East of Huafan Road, Tongsheng Community, Dalang Sub-District, Longhua area, 518109 Shenzhen, Guangdong, China

It is certified that the product / *Es ist zertifiziert, dass das Produkt*

Type of generator / *Generatortyp:* **Jackery SolarVault 3 Pro** / *Jackery SolarVault 3 Pro*

Models / *Modelle:* **JS3-2500PA-GY** / **JS3-2500PA-GY-20**

Technical Data / *Technische Daten:*	
Rated AC Power / *AC-Nennleistung*	**See page 3** / *Siehe Seite 3*
Rated AC Voltage / *Nennwechselspannung*	**230 V_{AC}**
Rated Frequency / *Nennfrequenz*	**50 Hz**
DC Current (IN / OUT) / *DC Strom (IN / OUT)*	**See page 3** / *Siehe Seite 3*
Firmware version / *Firmware Version*	**V01.0.000**
Number of phases / *Anzahl der Phasen*	**Single Phase** / *Einphasig* **(L/N/PE)**
Isolation transformer / *Isolationstransformator*	**Yes** / *Ja*

Is in compliance with the Network connection rule / *In Übereinstimmung mit der Anwendungsregel*:

- **VDE-AR-N 4105: 2018-11 + Correction 1: 2020-10**
  "Generators connected to the low-voltage distribution network / *Erzeugungsanlagen am Niederspannungsnetz*"
  Technical minimum requirements for connection and parallel operation of power generation systems connected to the low-voltage network / *Technische Mindestanforderungen für Anschluss und Parallelbetrieb von Erzeugungsanlagen am Niederspannungsnetz*

Based on tests requirements defined in / *Basierend auf Tests Anforderungen definiert in*:

- **DIN VDE V 0124-100 (VDE V 0124-100): 2020-06.**
  "Network integration of power generation systems – Low voltage / *Netzintegration von Erzeugungsanlagen*"
  Test requirements for power generation units intended for connection to and parallel operation on the low-voltage network / *Niederspannung – Prüfanforderungen an Erzeugungseinheiten, vorgesehen zum Anschluss und Parallelbetrieb am Niederspannungsnetz*

This certificate is based upon test results offered in the test report No. SUEE251200033951 issued on 3rd Febr 2026. / *Dieses Zertifikat basiert auf den Testergebnissen, des Prüfberichts Nr. SUEE251200033951, herausgegeben am 3. Febr 2026.*

The above-mentioned generating unit is certified according to the SGS internal procedure PE.T-ECPE-13 based on the requirements of the UNE-EN ISO / IEC 17065 / *Die oben genannte Erzeugungseinheit ist gemäß dem internen SGS-Verfahren PE.T-ECPE-13 basierend auf den Anforderungen der UNE-EN ISO / IEC 17065 zertifiziert.*

First issued on 16th February 2026. / *Zuerst veröffentlicht am: 16. Februar 2026.*
This certificate is valid until 16th February 2031. / *Dieses Zertifikat ist gültig bis: 16. Februar 2031.*

Madrid, 16th February 2026 / *Madrid, 16. Februar 2026*

Daniel Arranz Muñiz
Certification Manager

SGS Tecnos, S.A.U. C/ Trespaderne, 29 - 28042 Madrid
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APPENDIX (ANHANG)

Annex to Certificate Nº 260045RECH01-A-CER

E.5 Requirements for the test report for power generation units *E.5 Prüfbericht „Netzrückwirkungen" für Erzeugungseinheiten mit einem Eingangsstrom > 75 A (*)*		
Extract from test report for unit certificate "Determination of electrical properties" Auszug aus dem Prüfbericht für Erzeugungseinheiten Bestimmung der elektrischen Eigenschaften"		**No. SUEE251200033951**
System Manufacturer Anlagenhersteller:	**Shenzhen Hello Tech Energy Co., Ltd.**	
Manufacturer indications: Herstellerangaben:	**Type of system:** Anlagenart:	Jackery SolarVault 3 Pro
	Max. active power PEmax max. Wirkleistung PEmax	JS3-2500PA-GY-20
		1200 W
	Rated voltage: Bemessungsspannung	L/N/PE, 230 V_{AC}
Measuring period: 2025 Nov 09 to 2025 Dec 10		

Flicker	**Network impedance angle ψk** Netzimpedanzwinkel ψk	32º		
	Initial flicker factor Cψ Anlagenflickerbeiwert Cψ	33%Pn	66%Pn	100%Pn
		48.12	30.62	22.75

Model: JS3-2500PA-GY-20

Harmonics Single-Phase
Oberschwingungen

Active power P/Pn [%] Wirkleistung P/Pn [%]	0	10	20	30	40	50	60	70	80	90	100
Ordinal number Ordnungszahl	I(A)	I(A)	I(A)	I(A)	I(A)	I(A)	I(A)	I(A)	I(A)	I(A)	I(A)
2	0.015	0.015	0.016	0.018	0.016	0.016	0.015	0.015	0.029	0.017	0.017
3	0.117	0.034	0.026	0.039	0.048	0.056	0.060	0.063	0.064	0.069	0.070
4	0.029	0.015	0.013	0.015	0.016	0.017	0.016	0.016	0.016	0.014	0.014
…											
40	0.013	0.014	0.014	0.013	0.013	0.012	0.013	0.013	0.013	0.012	0.013

(*) the inverter outputs a current <75 A, thus Inter-harmonics and High Frequencies are not evaluated in accordance with the standard.

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Full list of product references and nominal characteristics / *Vollständige Liste der Produktreferenzen und nominalen Merkmale:*

Model	**JS3-2500PA-GY**	**JS3-2500PA-GY-20**
PV Input		
Max. Input Voltage	60 V_{DC}	
Operation Voltage Range	16 - 60 V_{DC}	
Max. Input Current	28 A * 4	
Battery		
Battery voltaje range	32.5 – 45.5 V_{DC}	
Max. Charge/Discharge Current	46 A / 48.8 A	
AC Input / Output		
Nominal Grid Voltage	L/N/PE, 230 V	
Nominal Grid Frequency	50 Hz	
Max. AC Input Apparent Power	2300 VA	2300 VA
Max. AC Input Power	2300 W	2300 W
Max. AC Input Current	10 A	10 A
Max. AC Output Apparent Power	800 VA	1200 VA
Max. AC Output Power	800 W	1200 W
Max. AC Output Current	3.5 A	5.2 A

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