



UK-Type Examination Certificate

with respect to the presumption of
Compliance of a product with the essential requirements of

RER 2017 SI 2017/1206

Certificate Number	CS35278
Certificate Holder	ALTENERGY POWER SYSTEM INC.
Address	No.1 Yatai Road, Jiaxing 314050 Zhejiang Province, P.R. China
Manufacturer	ALTENERGY POWER SYSTEM INC.
Address	No.1 Yatai Road, Jiaxing 314050 Zhejiang Province, P.R. China
Product Type/Description	Grid-tied Microinverter
Trade Name	APsystems
Model Number	DS3, DS3-H, DS3-L, DS3-L-SPE, DS3-S
Product Identification Element	DS3, DS3-H, DS3-L, DS3-L-SPE, DS3-S

Applied / Complied Designated Standards		Complied
RER 2017 (SI 2017/1206) Regulation 6.1a ■ Safety	BS EN 62109-1:2010, BS EN 62109-2:2011	Y
RER 2017 (SI 2017/1206) Regulation 6.1a ■ Health	BS EN 62479:2010; BS EN 50663:2017	Y
RER 2017 (SI 2017/1206) Regulation 6.1b ■ EMC	BS EN IEC 61000-6-3:2021, BS EN IEC 61000-6-4:2019 BS EN IEC 61000-6-1:2019, BS EN IEC 61000-6-2:2019 BS EN IEC 61000-3-2:2019+A1:2021, BS EN 61000-3-3:2013+A2:2021, ETSI EN 301 489-1 V2.2.3, ETSI EN 301 489-17 V3.2.4	Y
RER 2017 (SI 2017/1206) Regulation 6.2 ■ Radio	ETSI EN 300 328 V2.2.2	Y

Authorized By: *Darren Shih*

Darren Shih, Senior Manager

Issue Date: August 29, 2022

Expiry Date: August 28, 2027

PS: This Certificate is issued in Accordance with Schedule 3 of the RER 2017 (SI 2017/1206) and is only valid in Conjunction with the Following Annex I.

Bureau Veritas Consumer Products Services, Inc.
775 Montague Expressway, Milpitas, CA 95035, USA
Tel: 408 526 1188, Fax: 408 526 1088,

Website: <https://www.cps.bureauveritas.com/>, Email: bureauveritas@bureauveritas.com

**Annex I of UKCA-TYPE Examination Certificate****Certificate Number: CS35278**

Product Specifications	
Frequency Range	2405 - 2480 MHz (Zigbee)
RF Output Power (EIRP)	9.87 dBm
Type of Antenna	Whip Antenna
Modulation	OQPSK
Mode of Operation (Simplex / Duplex)	Duplex
Duty Cycle	-
Comments	- All the models in this UKCA AB Certificate are identical in circuitry and electrical, mechanical and physical construction; the only differences are the appearance and model No. for marketing purpose.

Technical Documentation Identification

Test Report	
RER 2017 (SI 2017/1206) Regulation 6.1a ■ Health & Safety	ZEK-ESH-P22061389B-4 (Health) ZEK-ESH-P22061514-1, ZEK-ESH-P22060514-2 (Safety)
RER 2017 (SI 2017/1206) Regulation 6.1b ■ EMC	ZEK-ESH-P22061389B-1, ZEK-ESH-P22061389B-2
RER 2017 (SI 2017/1206) Regulation 6.2 ■ Radio	ZEK-ESH-P22061389B-3
User Manual	<input checked="" type="checkbox"/>
Product Label	<input checked="" type="checkbox"/>
Block Diagram	<input checked="" type="checkbox"/>
Circuit Diagram	<input checked="" type="checkbox"/>
BOM	<input checked="" type="checkbox"/>
Declaration of Conformity	<input checked="" type="checkbox"/>
Risk Assessment	<input checked="" type="checkbox"/>
Internal Photos	<input checked="" type="checkbox"/>
External Photos	<input checked="" type="checkbox"/>

Based on the evidence presented, our certificate in accordance with Schedule 3 of Radio Equipment Regulations 2017 (SI 2017/1206) and the mutual recognition of their conformity is that the apparatus identified above complies with the requirements of that Regulation stated above.

Note: Compliance with the above Regulation is only applicable to use the above mentioned equipment in the United Kingdom. (Including England, Wales, Scotland and Northern Ireland).

No configuration, other than described above, has been considered and is therefore not included in this certificate.

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Please check the validation of this certificate at [BV CPS Cert Validation Portal](#)