Ref. Certif. No.

SE-118785

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product	OFF-GRID SOLAR INVERTER
Name and address of the applicant	Guangzhou Felicity Solar Technology Co., Ltd. (Airport Baiyun) No.2,4,6,8,10 and 12 Donghua Huaye Road, Renhe Town, Baiyun District, Guangzhou, Guangdong, CHINA
Name and address of the manufacturer	Same as applicant
Name and address of the factory Note: *When more than one factory, please report on page 2*	Same as applicant ☐ Additional Information on page 2
Ratings and principal characteristics	See page 2
Trademark / Brand (if any)	felicitysolar®
Customer's Testing Facility (CTF) Stage used	-
Model / Type Ref.	IVEM6048-II
Additional information (if necessary may also be reported on page 2)	☐ Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 62109-1:2010 IEC 62109-2:2011
As shown in the Test Report Ref. No. which forms part of this Certificate	250916101GZU-005, 250916101GZU-006

This CB Test Certificate is issued by the National Certification Body

Intertek Semko AB
Torshamnsgatan 43
Box 1103
SE-164 22 Kista, Sweden

intertek

Date: 27 February, 2026

Signature: Anneli Averland Johansson

Ratings and principal characteristics

d.c. Max. Input Range: 500V
d.c. MPPT Range: 90-450V
d.c. Max. Input Current: 27A
Isc PV: 27A
Battery: 48Vd.c; 137A Max
AC Input: 230Va.c.; 50/60Hz
AC input Max Current: 40Aa.c.
Load Output: 230Va.c.; 50/60Hz
Load Max Current: 30.23Aa.c.
Load Output Power: 6kW
Power Factor: 1
Enclosure: IP21
Protection Class: I

Date: 27 February, 2026

Signature: