

Enphase Control Cable dual rating: TC-ER and DG

Applicable region

North America

Overview

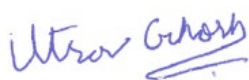
Enphase Energy Systems with the IQ Battery 5P require control wiring between the IQ System Controller 3/3G, IQ Battery 5P, and IQ Combiner 5/5C or Communications Kit 2 (if using a standalone IQ Gateway/Envoy S Metered).

The Enphase Control Cable (SKU: CTRL-SC3-NA-01) is manufactured by Jiangyin SINBON Electronics Co. Ltd and re-sold by Enphase Energy Inc. This cable complies with UL 3003, UL 1277, and UL 83 standards and is rated for TC-ER (Tray Cable – Exposed Run) and DG (Distributed Generation). All NRTL (Nationally Recognized Testing Laboratory) listings for the cable are under Jiangyin SINBON Electronics Co. Ltd.

The detailed specifications of the cable can be found at the [Enphase Documentation Center](#).

The older stock of the cable only had TC and DG markings on the outer jacket of the cable; the new stock of the Enphase Control Cable has TC-ER and DG markings on the outer jacket of the cable.

This technical note is a joint declaration from Enphase Energy Inc. and Jiangyin SINBON Electronics Co. Ltd that the Enphase Control Cable (older stock with TC and DG and the new stock with TC-ER and DG) can be used for outdoor product installation with an exposed run.



Utsav Ghosh
Sr. Director, Product Line Management
Enphase Energy Inc.



Angel Fan
Senior Manager
Jiangyin SINBON Electronics Co. Ltd

Revision history

Revision	Date	Description
TEN-00034	January 2025	Initial release.

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