ENPHASE

NORTH AMERICA

Compatibility matrix

	SOLAR ONLY Produce solar energy only when the grid is up[5]	SOLAR + BATTERY WITHOUT BACKUP Produce and save energy only when the grid is up			SOLAR + BATTERY WITH BACKUP Produce and save energy even when the grid is down		
		With IQ Battery 3/10/3T/10T[6] (EOL)	With IQ Battery 5P	With IQ Battery 10C/10CS[1] (Only with IQ Combiner 6C)	With IQ Battery 3/10/3T/10T[6] (EOL)	With IQ Battery 5P	With IQ Battery 10C/10CS[1] (Only with IQ Combiner 6C)
MICROINVERTERS							
IQ8 Microinverters (Available)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IQ6/IQ7 Microinverters (EOL)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
M Series Microinverters[2] (EOL)	Yes	Yes With Envoy S Metered and COMMS-KIT-01[2]	Yes With Envoy S Metered and COMMS-KIT-02[2]	Yes With existing Envoy S Metered and IQ Combiner 6C through integrated load/PV control accessory[3]	Yes With Envoy S Metered and COMMS-KIT-01[2]	Refer to footnote 9	Yes With existing Envoy S Metered and IQ Combiner 6C through integrated load/PV control accessory[3]
IQ COMBINER							
IQ Combiner 6C (launch planned)	Yes[8]	No	No	Yes	No	No	Yes
IQ Combiner 5/5C IQ Combiner 5/5C HDK (available)	Yes	Yes[4] With COMMS-KIT-01	Yes	No	Yes[4] With COMMS-KIT-01	Yes	No
IQ Combiner 4/4C (EOL)	Yes	Yes With COMMS-KIT-01	Yes With COMMS-KIT-02	No	Yes With COMMS-KIT-01	Yes With COMMS-KIT-02	No
MICROGRID INTERCONNECT DEVICE (MID)							
IQ Meter Collar (launch planned)	n/a	n/a	Yes	Yes	n/a	Yes	Yes
IQ System Controller 3M (launch planned)[7]	n/a	n/a	n/a	n/a	No	Yes	No
IQ System Controller 3/3G (available)	n/a	n/a	n/a	n/a	No	Yes	No
IQ System Controller 2 (EOL)	n/a	n/a	n/a	n/a	Yes	No	No
ACCESSORIES							
IQ Load Controller	n/a	n/a	n/a	n/a	Yes	Yes	Yes
Generator support	n/a	n/a	n/a	n/a	Yes	Yes With IQ System Controller 3G	No

1. Launching in the United States in Q2 2025. The IQ Battery 10C is not compatible with the IQ Battery 5P at launch. The IQ Battery 10CS is launching in Q3 2025.
2. To function with IQ Batteries, the M Series Microinverters need an Envoy S Metered gateway. However, Envoy S Metered gateways cannot maintain the IEEE 2030.5 connection through the ride-through times required for IEEE 1547:2018 compliance. If the utility mandates IEEE 1547:2018 compliance, replacement with IQ7 or IQ8 Series Microinverters will be required.
3. At launch, the IQ Battery 10C/10CS-based system is compatible with third-party inverters and legacy Enphase microinverters through the load/PV control accessory. The IQ Combiner 6C does not communicate with third-party inverters or legacy Enphase microinverters and should retain their existing gateway. When the system transitions to off-grid mode, it will disconnect third-party PV inverters or legacy Enphase microinverters connected to the integrated load controller.
4. To ensure compatibility of the IQ Combiner 5/5C or IQ Combiner 5/5C HDK with 2nd generation batteries, disconnect the COMMS-KIT-02 and install the COMMS-KIT-01. Refer to the installation guide for more information.
5. Sunlight Backup is supported with IQ System Controller 2/3/3G, IQ8 Microinverters and IQ Gateway or IQ Combiner. To commission a Sunlight Backup site, at least one IQ Load Controller is required. For more details, please refer to the documentation center.
6. The IQ Battery 3T/ 10T is not compatible with the IQ Battery 5P.
7. The IQ System Controller 3M should always be installed with the IQ Meter Collar.
8. Replace the integrated load/PV control accessory with the ride-through power supply accessory if the utility requires IEEE 2030.5 connection through the low-voltage ride-through times stated in IEEE 1547:2018.
9. M Series Microinverters are compatible with the IQ Battery 5P when installed with the IQ System Controller 3/3G, along with the Envoy S Meter and COMMS-KIT-02. M Series Microinverters are incompatible with the IQ Battery 5P when installed with the IQ System Controller 3M and the IQ Meter Collar.

Revision history

REVISION	DATE	DESCRIPTION
DSH-00105-5.0	March 2025	Added IQ Combiner 6C details.
DSH-00105-4.0	February 2025	Addition of IQ Combiner 6C, IQ Meter Collar, IQ Battery 10C/10CS, and IQ System Controller 3M.
DSH-00105-3.0	October 2024	Addition of IQ Combiner 5/5C HDK.
DSH-00105-2.0	December 2023	Additional note added about software support for 2nd-generation batteries.
DSH-00105-1.0	June 2023	Initial release.

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