

Compatibility matrix

	SOLAR ONLY	SOLAR + BATTERY WITHOUT BACKUP		SUNLIGHT BACKUP		SOLAR + BATTERY WITH BACKUP	
	Produce solar energy only when the grid is up	Produce and save energy only when the grid is up		Produce solar energy even when the grid is down		Produce and save energy even when the grid is down	
		With IQ Battery 3T/10T	With IQ Battery 5P	With IQ Battery 3T/10T	With IQ Battery 5P	With IQ Battery 3T/10T	With IQ Battery 5P
MICROINVERTERS							
IQ8 Microinverters	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IQ6/7 Microinverters	Yes	Yes	Yes	No	No	Yes	Yes
M Series Microinverters ¹	Yes	Yes With Envoy S Metered	Yes With Envoy S Metered	No	No	Yes With Envoy S Metered	Yes With Envoy S Metered
IQ COMBINER							
IQ Combiner 5/5C IQ Combiner 5/5C HDK	Yes	Yes ² With COMMS-KIT-01	Yes	Yes ² With COMMS-KIT-01	Yes	Yes ² With COMMS-KIT-01	Yes
IQ Combiner 4/4C	Yes	Yes With COMMS-KIT-01	Yes With COMMS-KIT-02	Yes With COMMS-KIT-01	Yes With COMMS-KIT-02	Yes With COMMS-KIT-01	Yes With COMMS-KIT-02
IQ SYSTEM CONTROLLER							
IQ System Controller 3/3G	n/a	n/a	n/a	No	Yes	No	Yes
IQ System Controller 2	n/a	n/a	n/a	Yes	No	Yes	No
ACCESSORIES							
IQ Load Controller	n/a	n/a	n/a	Yes ³ Essential loads panel required	Yes ³ Essential loads panel required	Yes	Yes
Generator Support	n/a	n/a	n/a	Yes	Yes With IQ System Controller 3G	Yes	Yes With IQ System Controller 3G

1. To work with IQ Batteries, M Series Microinverters require an Envoy S Metered gateway. Envoy S Metered gateways are not IEEE 1547:2018 compliant. If the utility insists on IEEE 1547:2018 compliance, replacement with IQ7 or IQ8 Series Microinverters will be required.
2. To make the IQ Combiner 5/5C or IQ Combiner 5/5C HDK compatible with 2nd-generation batteries, the COMMS-KIT-02 must be replaced with the COMMS-KIT-01. Refer to the [installation guide](#) for more information.
3. At least one IQ Load Controller is mandatory to commission a [Sunlight Backup](#) site. Refer to the documentation center for more information.

Revision history

REVISION	DATE	DESCRIPTION
DSH-00105-2.0	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.