

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 future IQ Battery 3T/10T | With future 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 | 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 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-00105-1.0 | June 2023 | Initial release |