

# Solar & Battery Backup Systems

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# Types of Deployment

- ▶ Off Grid System
- ▶ Grid Tied Solar System
- ▶ Battery Only System
- ▶ Hybrid System (Grid Tied Solar w/ Battery Backup)
- ▶ Solar + Battery + EV System

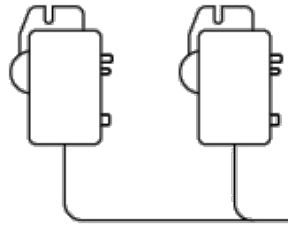
# Hybrid System

- ▶ Consists of a solar array, batteries, and inverters
- ▶ May be an AC or DC coupled system
- ▶ Can also incorporate an auto start generator
- ▶ Can provide whole home or partial home backup

# Solar + Battery + EV Systems

- ▶ Functionally operates like a hybrid system
- ▶ Incorporates the EV as the primary or secondary battery
- ▶ Supports V2H and V2G
- ▶ Can utilize either the EV battery directly, or the onboard AC output

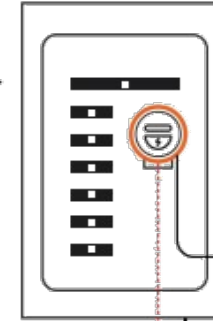
**IQ8 Series Microinverters**



**IQ Combiner 6C**



**Meter main with  
Form 2S socket  
and meter**



**Grid**



**IQ Meter Collar  
with integrated  
consumption  
monitoring**

**Control cable**

**Control cable**

**Control cable**

**IQ Battery 10C**



**IQ Bidirectional  
EV Charger**



**Home loads**



**Bidirectional EV**

# Questions?

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