SunPower System and Site Checklist

CUSTOMER INFORMATION			
Contract #:		Date:	
Customer:		Address:	
Site nickname:			

Record information in each field and fill in each bubble after completing each step.

SITE AND SYSTEM INFORMATION

Total modules installed:	
Operating voltage (circle one):	240V or 208V

Circuit Breaker (CB) for Modules and PVS5

Modules & PVS to:	MAIN PANEL or SUBPANEL or COMBINER BOX

- ◯ Bonded N bus bar to GND bus bar at service entrance/combiner
- ◯ Homerun and raceway properly secured
- ◯ No wires touching roof surface
- ◯ All panel and box covers correctly secured
- ◯ Site free of debris and all trash discarded

PV SUPERVISOR 5X

Serial number (place peelable sticker):	
Voltage measurements:	L1-G: _____ L2-G: _____ L1-L2: _____ N-G: _____
Communication:	ETHERNET WI-FI PLC ADAPTER

- ◯ Wired PVS power according to labels
- ◯ Tightened PVS screws to torque settings (0.5 to 0.6 N-m [4.4 to 5.3 in-lb])

METERS

Consumption Meter

Configuration (circle one):	LOAD-SIDE SYSTEM Solar installed in service panel downstream of CTs.	LINE-SIDE SYSTEM **Non-bundled:** Solar installed on the line side or upstream of CTs. **Bundled:** captures only load circuits (no modules).
CT scale factor (default = 100 A):		

- ◯ Installed consumption CTs
- ◯ Wired according to labels on the PVS
- ◯ Installed with the label facing the utility meter
- ◯ Verified voltage between PVS5x L1 and main service panel L1 is 0V
- ◯ Verified voltage between PVS5x L2 and main service panel L2 is 0V
- ◯ Verified consumption meter readings using PVS Management App

Production Meter (if required)

Installed?	YES or NO

- ◯ Installed production CT
- ◯ Wired according to labels on the PVS
- ◯ Installed with the engraved text facing the utility meter

SITE PHOTOGRAPHS

Arrays and Conduit Runs

- ◯ Inside each rooftop junction box
- ◯ Junction box to attic penetration
- ◯ Wide angle of junction box with array wires entering attic penetration
- ◯ Installed rails before installing modules
- ◯ Roof attachment with flashing
- ◯ Complete array
- ◯ Wires and cable under array at transition junction box
- ◯ Side of array with InvisiMount rail ends flush to array
- ◯ Electrical transition box with entry of array conductors
- ◯ Conduit runs including rooftop, attic, and wall-mounted locations

Equipment (eBOS)

- ◯ Wide angle shot of all equipment
- ◯ Wide angle beauty shot of array for marketing materials
- ◯ DC disconnect with internal wiring (if applicable)
- ◯ AC disconnect with internal wiring (if applicable)
- ◯ Subpanel interior
- ◯ Point of interconnection with breaker or tap closeup
- ◯ Main service panel with all internal wiring
- ◯ Current Transformers (CTs) in main service panel

Monitoring Equipment

- ◯ Inside PVS5x enclosure with power and CT wiring terminations
- ◯ Inside PVS5x with communication cables
- ◯ Internet connection: Ethernet or PLC Ethernet Adapter (if used)
- ◯ Inside PVS5x with AC wiring partition and AC wiring covers

OTHER ONSITE ELECTRICAL EQUIPMENT

Record type, model, and manufacturer of all onsite electrical equipment that may cause interference with power line communications. (For example: pool pump, variable frequency drive motors, light dimmers, smart home devices.)

DC INVERTER (Only complete this section if DC inverter installed. See other side for AC module installations.)

- ◯ All modules secured to racking (completed module pull test)

DC inverter model:											
DC inverter serial #:											
Module Model:											
Input Terminal	**1**	**2**	**3**	**4**	**5**	**6**	**1**	**2**	**3**	**4**	**5**	**6**
Inverter MPPT												
String label:												
# of modules:												
Azimuth (180=South):												
Slope/tilt (0=flat):												
Voc (DC) J-box:												
Voc (DC) Inverter:												
V+ (DC) to GND:												
V- (DC) to GND:												
V (AC) L1-L2												
V (AC) L1-N:												
V (AC) L2-N:												
Vmp:												
Imp:												

AC MODULES (Only complete this section if AC modules installed. See other side for DC inverter installations.)

- ◯ All modules secured to racking (performed module pull test)
- ◯ Verified each branch circuit voltage (tested at end of circuit)
- ◯ Installed end caps
- ◯ Placed all microinverter and module serial numbers on module layout map

Circuit	1	2	3	4	5	6	7	8	9	10
# of modules: Max. 12 for 240V Max. 10 for 208V										
Module model:										
Circuit label:										
V (AC) L1-L2:										
V (AC) L1-G:										
V (AC) L2-G:										

AC MODULE ARRAY LAYOUT

For each module, group the microinverter and module serial number stickers together and place here in the actual layout configuration.