



Photovoltaic Solar Panel Systems (PV system)
Solar Electrical Permit Application Documents
(To be completed by Applicant)

Contractor residential Installations

- ☐ Master Electrician credentials.
- ☐ A single line diagram for installation.
- ☐ Equipment manufacturer specification data sheets.
- ☐ System information Data Sheet

Homeowner residential Installations

- ☐ A single line diagram for installation.
- ☐ Equipment manufacturer specification data sheets.
- ☐ System information Data Sheet
- ☐ 10 Kw and over Master Electrician credentials
- ☐ 10 Kw and over require professional involvement

Commercial / Industrial Installations

- ☐ Master Electrician credentials.
 - ☐ A single line diagram for installation.
 - ☐ Equipment manufacturer specification data sheets.
 - ☐ System information Data Sheet
 - ☐ Professional involvement (Engineered Stamped Drawings)
 - ☐ Building Permit
 - ☐ A2, B1 & B2 Signed Schedules for the Electrical Design
 - ☐ Engineer's Letter for the Additional Roof Load.
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- ✓ The mounting location may require Structural Engineering involvement at the discretion of the Safety Codes Officer.
 - ✓ Size, Type or Off-Grid system may require professional involvement at the discretion of the Safety Codes Officer.
 - ✓ Inaccessible elevated systems must provide pictures of the installation, after permit is issued.
 - ✓ Expansion of an existing system is required to meet the same requirements as a new system.



Photovoltaic Solar Electrical System Data Sheet
Solar Electrical Permit Application Documents
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PV System totals

Kilowatts

Voltage

Amps

Number of Solar
panels

PV Solar Connection Point

Electrical Panel Rating

Main Circuit Breaker amps

Buss Bar Amps

Solar Circuit Breaker Amps

PV System Type

Micro Inverter

String

Other

Grid tied

Off grid

PV Energy Storage System

Battery Type

Volts

Amps

Amp Hours

PV System Mounting

Roof

Ground

Electrical Equipment List

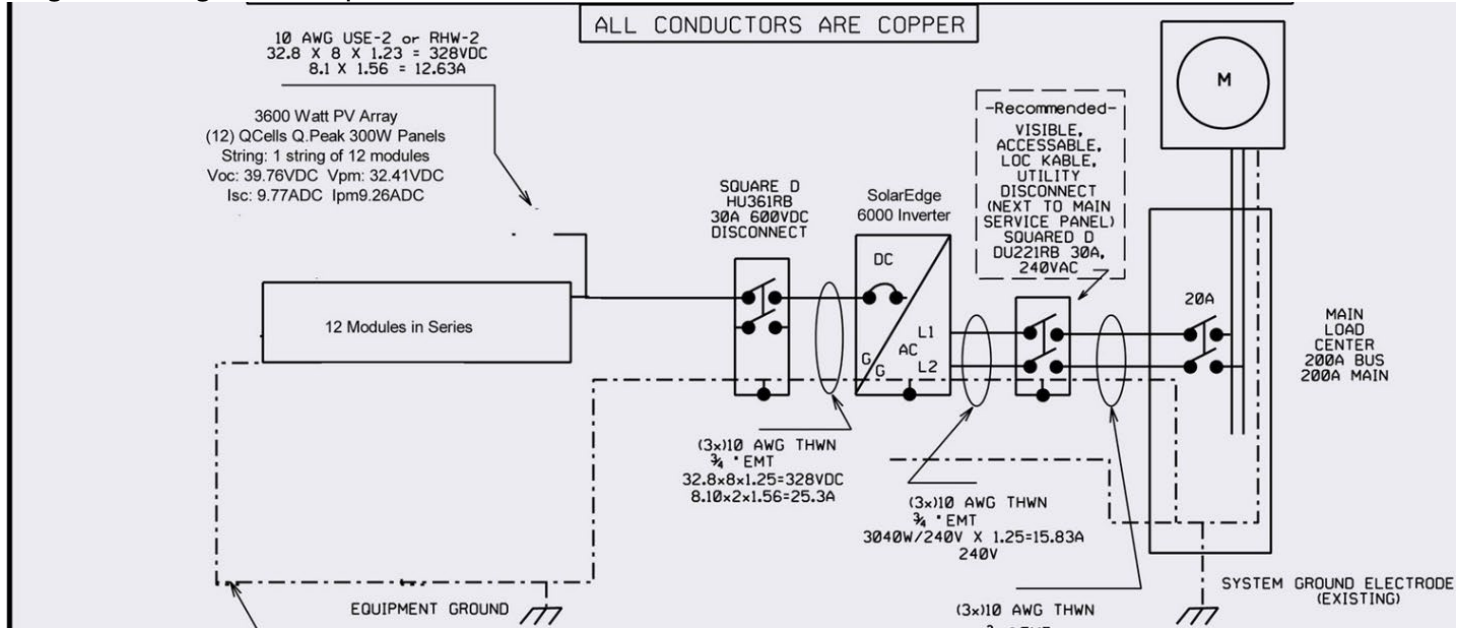
Description

Make

Model

Notes

Single line Diagram Example



Equipment List Example

Equipment List (All components)

Description	Make	Model
PV panel	ABC	123
Combiner	BCA	456
Inverter	CAB	789