This design shows a PWRcell system with a Protected Loads panel to provide backup power to loads.

This configuration is acceptable for use with 200A or larger utility services.

Protected Loads / Solar + Storage
- 1 PWRcell Inverter
- 3 PV Links (max 6)
- 1 PWRcell Battery
- 1 CT Kit (included)

FOR REFERENCE ONLY; NOT FOR CONSTRUCTION.
*Installer responsible for code compliance.
*Refer to product manuals for additional installation details and requirements.

Reference Code-1312-01

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This design shows a PWRcell system with a Protected Loads panel to provide backup power to loads. This design uses the sum rule approach for the load-side connection of an energy storage system.

100A Residential Service / Solar + Storage
- 1 PWRcell Inverter
- 3 PV Links (max. 6)
- 1 PWRcell Battery
- 1 CT Kit (included)

FOR REFERENCE ONLY; NOT FOR CONSTRUCTION.
*Installer responsible for code compliance.
*Refer to product manuals for additional installation details and requirements.

Reference Code-131E-01

This configuration is for use with 100A utility services.
This design shows a battery ready PWRcell system in a traditional net-metering configuration sourced by PV power. There are DC inputs available for additional PV or to add battery storage in the future.

This configuration is acceptable for use with 200A or larger utility services.

Reference Code-1111-01

Grid Connected / Battery Ready
- 1 PWRcell Inverter
- 3 PV Links (max. 6)
- 1 CT Kit (included)

FOR REFERENCE ONLY; NOT FOR CONSTRUCTION.
*Installer responsible for code compliance.
*Refer to product manuals for additional installation details and requirements.
This design shows a PWRcell system with a Protected Loads panel to provide backup power to loads. Utilize this design where roof installation for PV is not possible (e.g. condos, rented spaces). There are DC inputs available for additional battery storage or to add PV in the future. This configuration is acceptable for use with 200A or larger utility services.

Grid Connected / PV Ready
- 1 PWRcell Inverter
- 1 PWRcell Battery
- 1 CT Kit (included)

FOR REFERENCE ONLY; NOT FOR CONSTRUCTION.
*Installer responsible for code compliance.
*Refer to product manuals for additional installation details and requirements.

Reference Code-0312-01
This design shows a PWRcell system with a Protected Loads panel to provide backup power to loads. This design uses a line-side tap to connect the inverter input when backfeeding via the main panel is not feasible or in compliance. This configuration is acceptable for use with most utility services.

Reference Code-1313-01

**Line-Side Tap / Solar + Storage**
- 1 PWRcell Inverter
- 3 PV Links (max 6)
- 1 PWRcell Battery
- 1 CT Kit (included)

FOR REFERENCE ONLY; NOT FOR CONSTRUCTION.
*Installer responsible for code compliance.
*Refer to product manuals for additional installation details and requirements.
This design shows a PWRcell system configured with an on-site generator. This design isolates the generator from the inverter and involves a line-side tap and two transfer switches. The inverter output supports a loads panel that can also be transferred to the generator.

NOTE: In this configuration, the generator does not charge PWRcell batteries or parallel with the inverter.

FOR REFERENCE ONLY; NOT FOR CONSTRUCTION.
*Installer responsible for code compliance.
*Refer to product manuals for additional installation details and requirements.

Reference Code-231B-01

On Site Generator / Solar + Storage
- 1 PWRcell Inverter
- 6 PV Links
- 2 PWRcell Batteries
- 1 CT Kit (included)

This configuration is acceptable with most utility services.
RGM with Protected Loads / Solar + Storage
- 1 PWRcell Inverter
- 6 PV Links
- 1 PWRcell Battery
- 1 CT Kit (included)
- 1 ATS Kit

This design shows a PWRcell system with a revenue grade meter (RGM) connected for participation in a solar incentive program. Use this system configuration to maximize solar incentive credit and provide backup power to a protected loads panel when grid power is not available. This configuration is acceptable for use with 200A or larger utility services.

FOR REFERENCE ONLY; NOT FOR CONSTRUCTION.
*Installer responsible for code compliance.
*Refer to product manuals for additional installation details and requirements.