

- Powered by REbus™ (DC Nanogrid)
- AC Wiring
- DC Wiring (excluding REbus)
- CAT5
- Comms Wiring
- Control Wiring
- Power Flow

FOR REFERENCE ONLY; NOT FOR CONSTRUCTION.

- Only qualified electricians should install this equipment.
- Follow manual instructions to complete installation.
- Installer is responsible for compliance with applicable codes, standards, laws, and regulations.

Reference Code: DSLD00002-04



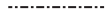




This design shows a PWRcell Inverter with PV Link optimizers installed for PV-only net metering. Additional DC disconnects allow for more PV and/or energy storage to be added later. This design is suitable for most residential 120 V / 240 V services.

Grid Tied PV Only Battery Ready

- 1 PWRcell Inverter
- 1 CT Kit (included)
- 3 PV Links (max 6)

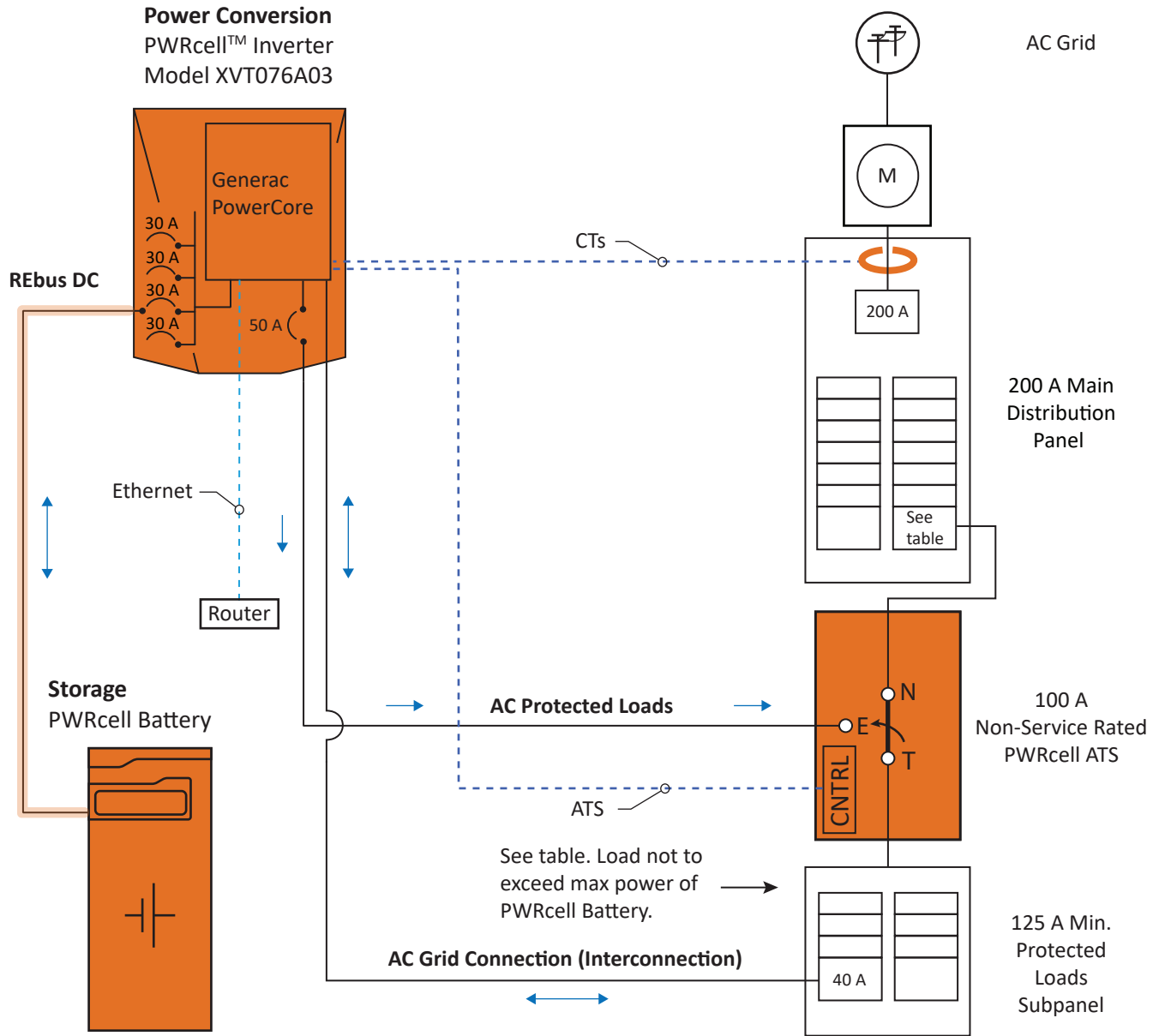


# Batt. Mods	Max Power	MDP Breaker
3 (9 kWh)	4.5 kW	40 A
4 (12 kWh)	6.0 kW	40 A
5 (15 kWh)	7.5 kW	40 A
6 (18 kWh)	9.0 kW	50 A

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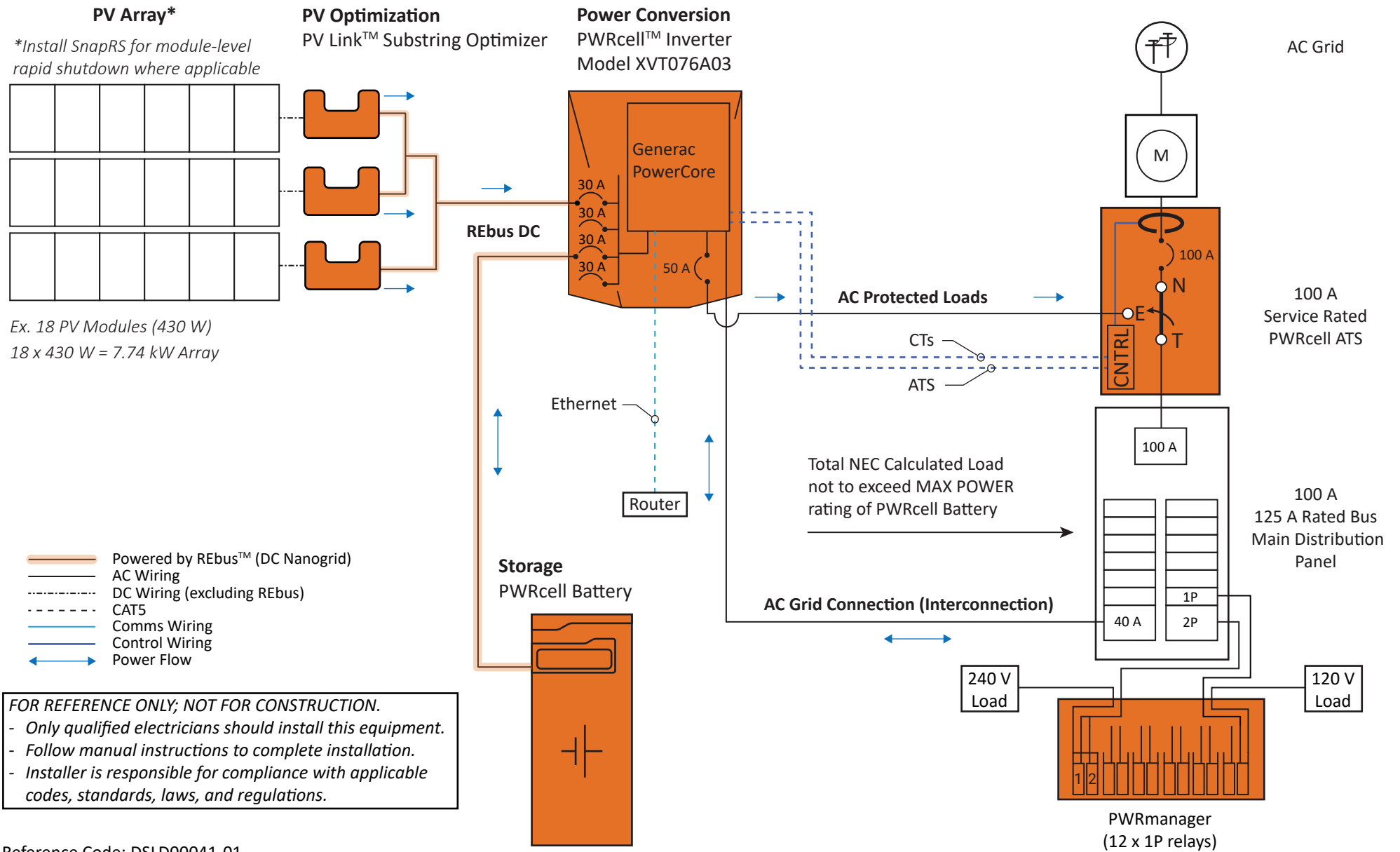
Reference Code: DSLD00033-01

This design shows a PWRcell system with a Protected Loads panel. Utilize this design where roof installation for PV is not possible. There are DC inputs available for additional battery storage or to add PV in the future. This design is suitable for most residential 120 V / 240 V services.

Partial Home Backup Battery Backup Only

- 1 PWRcell Inverter
- 1 PWRcell Battery
- 1 PWRcell ATS
- 1 CT Kit (included)
- 1 PWRmanager





Reference Code: DSLD00041-01

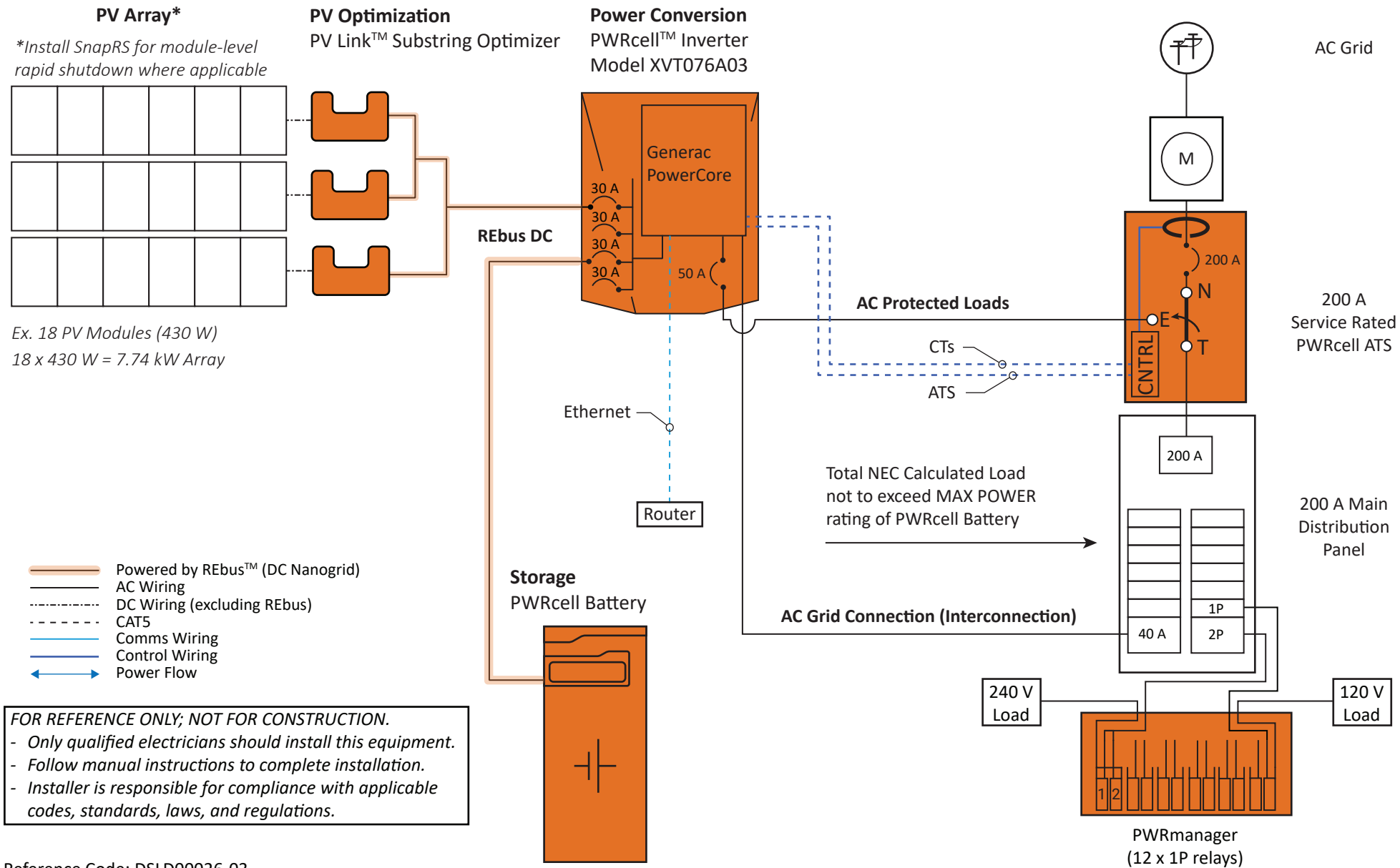
This design shows a Generac PWRcell system with a PWRcell ATS for whole home backup. Use this system design to provide backup power to home loads. Use a Generac PWRmanager for load management of up to twelve 120 V loads or six 240 V loads. This design is suitable for most residential 120 V / 240 V 100 A services.

Managed Whole Home Backup 100 A Service

- 1 PWRcell Inverter
- 3 PV Links
- 1 PWRcell Battery
- 1 CT Kit (incl.)
- 1 PWRcell ATS
- 1 PWRmanager

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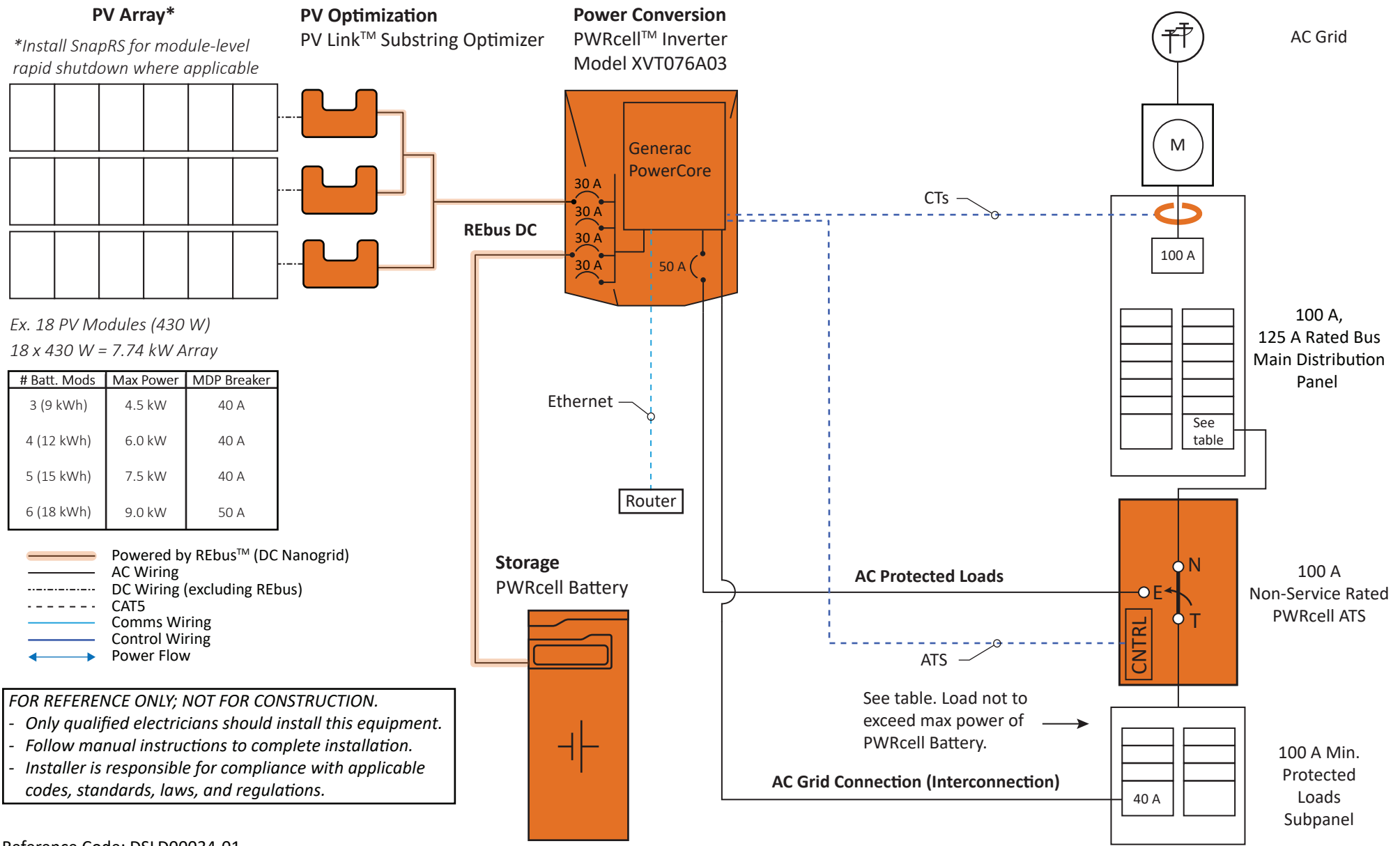
Reference Code: DSLD00026-03

This design shows a Generac PWRcell system with a PWRcell ATS for whole home backup. Use this system design to provide backup power to home loads. Use a Generac PWRmanager for load management of up to twelve 120 V loads or six 240 V loads. This design is suitable for most residential 120 V / 240 V 200 A services.

Managed Whole Home Backup 200 A Service

- 1 PWRcell Inverter
- 3 PV Links
- 1 PWRcell Battery
- 1 CT Kit (incl.)
- 1 PWRcell ATS
- 1 PWRmanager





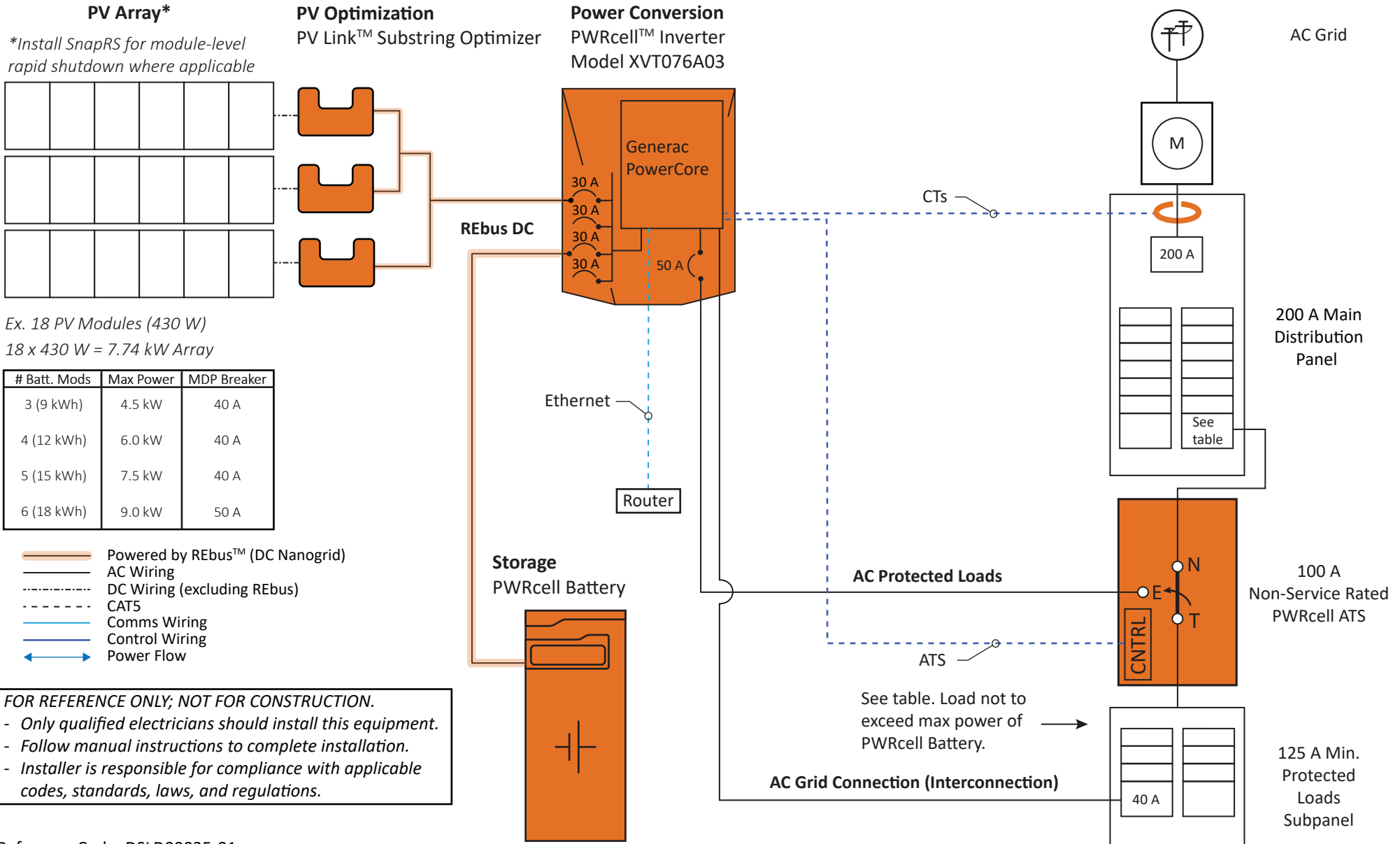
Reference Code: DSLD00034-01

This design shows a PWRcell system providing Partial Home Backup to a Protected Loads subpanel. This design is suitable for most residential 120 V / 240 V, 100 Amp services.

Partial Home Backup 100 A, No PWRmanager

- 1 PWRcell Inverter
- 3 PV Links (max 6)
- 1 PWRcell Battery
- 1 CT Kit (included)
- 1 PWRcell ATS



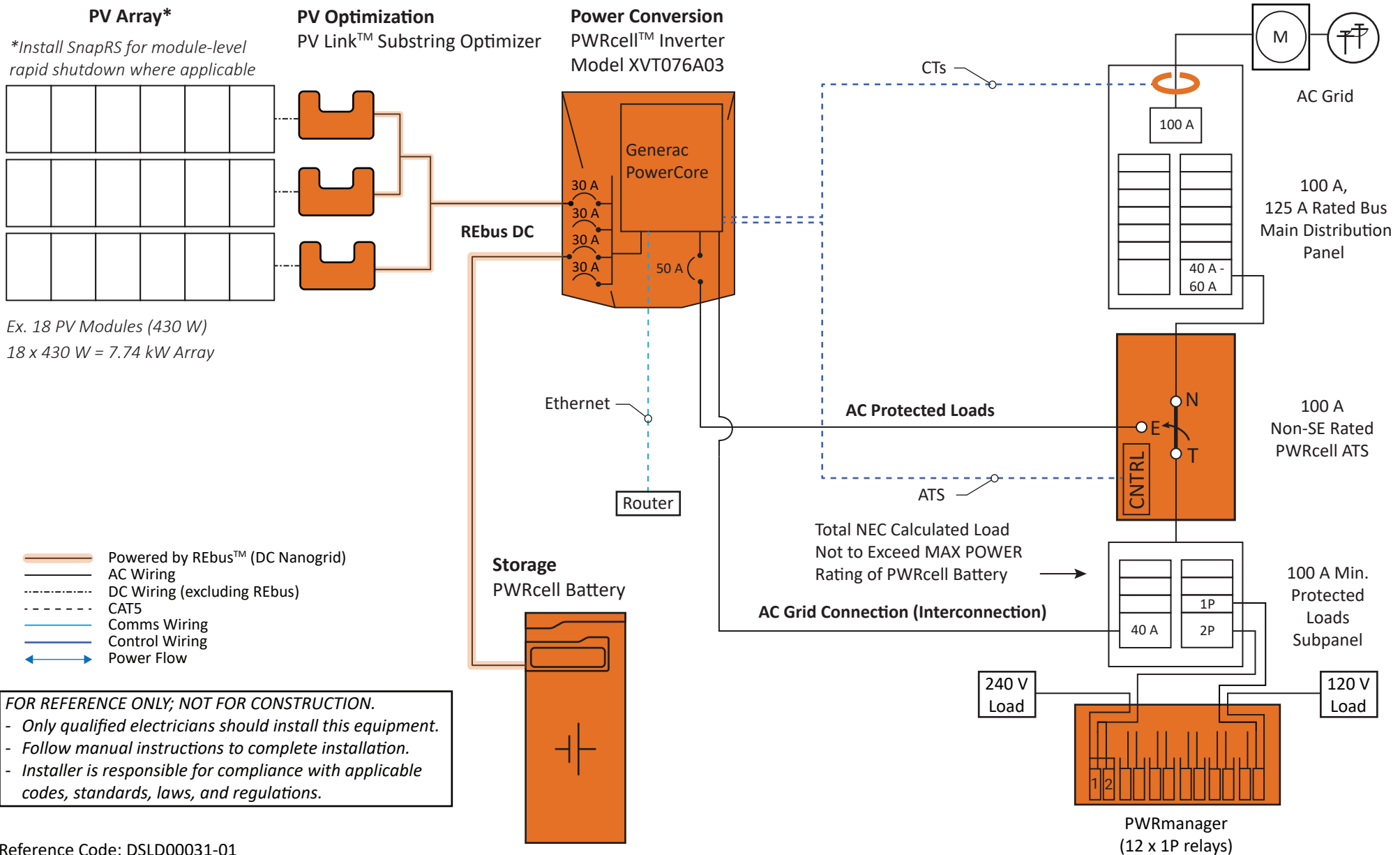


This design shows a PWRcell system providing Partial Home Backup to a Protected Loads subpanel. This design is suitable for most residential 120 V / 240 V, 200 Amp services.

Partial Home Backup 200 A, No PWRmanager

- 1 PWRcell Inverter
- 3 PV Links (max 6)
- 1 PWRcell Battery
- 1 CT Kit (included)
- 1 PWRcell ATS





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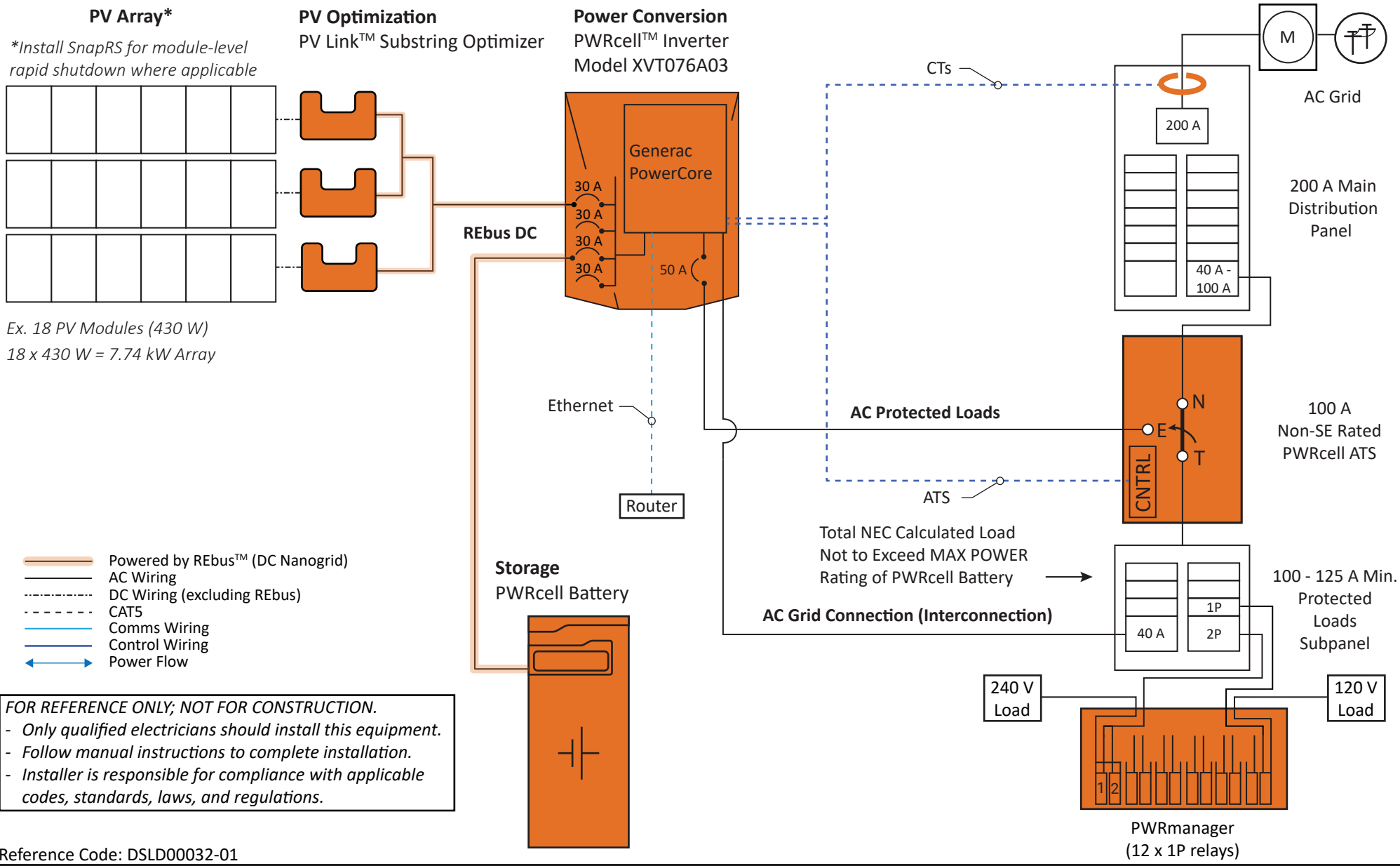
Reference Code: DSLD00031-01

This design shows a PWRcell system providing Partial Home Backup to a Protected Loads subpanel. A PWRmanager is installed for load management during backup. This design is suitable for most residential 120 V / 240 V, 100 Amp services.

Partial Home Backup 100 A, With PWRmanager

- 1 PWRcell Inverter
- 3 PV Links (max 6)
- 1 PWRcell Battery
- 1 CT Kit (included)
- 1 PWRcell ATS
- 1 PWRmanager



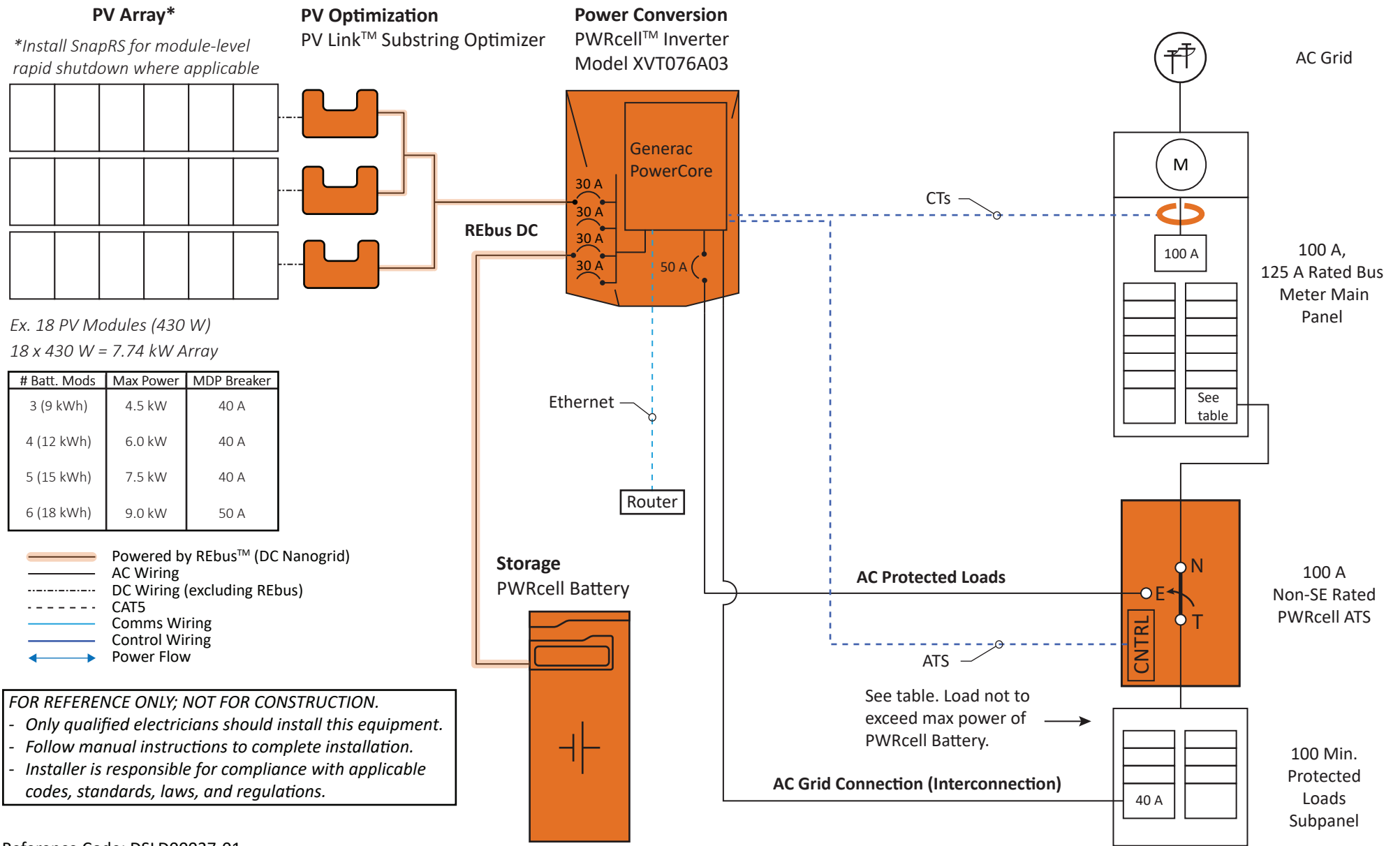


This design shows a PWRcell system providing Partial Home Backup to a Protected Loads subpanel. A PWRmanager is installed for load management during backup. This design is suitable for most residential 120 V / 240 V, 200 Amp services.

Partial Home Backup 200 A, With PWRmanager

- 1 PWRcell Inverter
- 3 PV Links (max 6)
- 1 PWRcell Battery
- 1 CT Kit (included)
- 1 PWRcell ATS
- 1 PWRmanager





Reference Code: DSLD00037-01

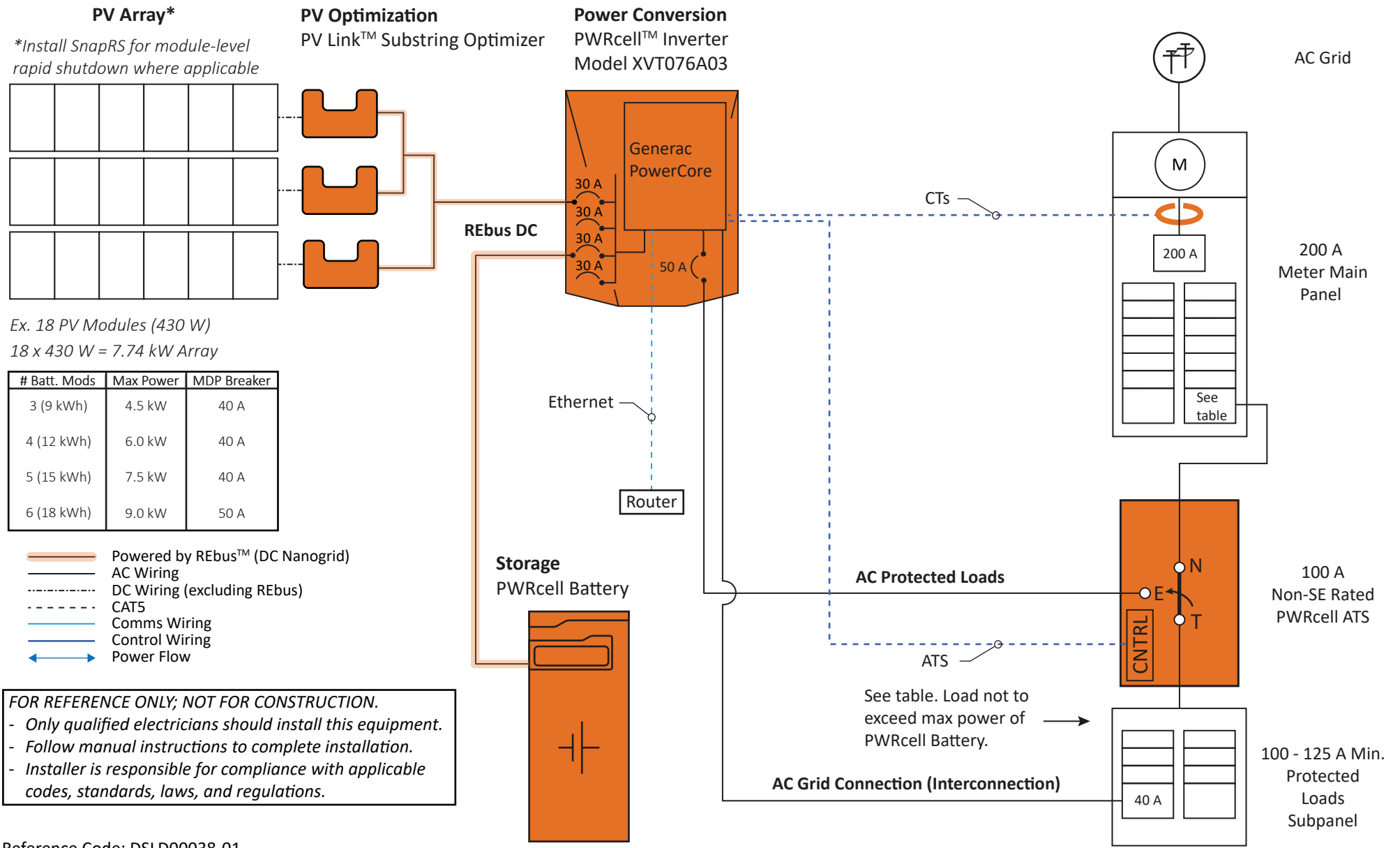
This design shows a PWRcell system providing Partial Home Backup to a Protected Loads subpanel fed off a meter main. This design is suitable for most residential 120 V / 240 V, 100 Amp services.

Partial Home Backup

100 A Meter Main, No PWRmanager

- 1 PWRcell Inverter
- 3 PV Links (max 6)
- 1 PWRcell Battery
- 1 CT Kit (included)
- 1 PWRcell ATS





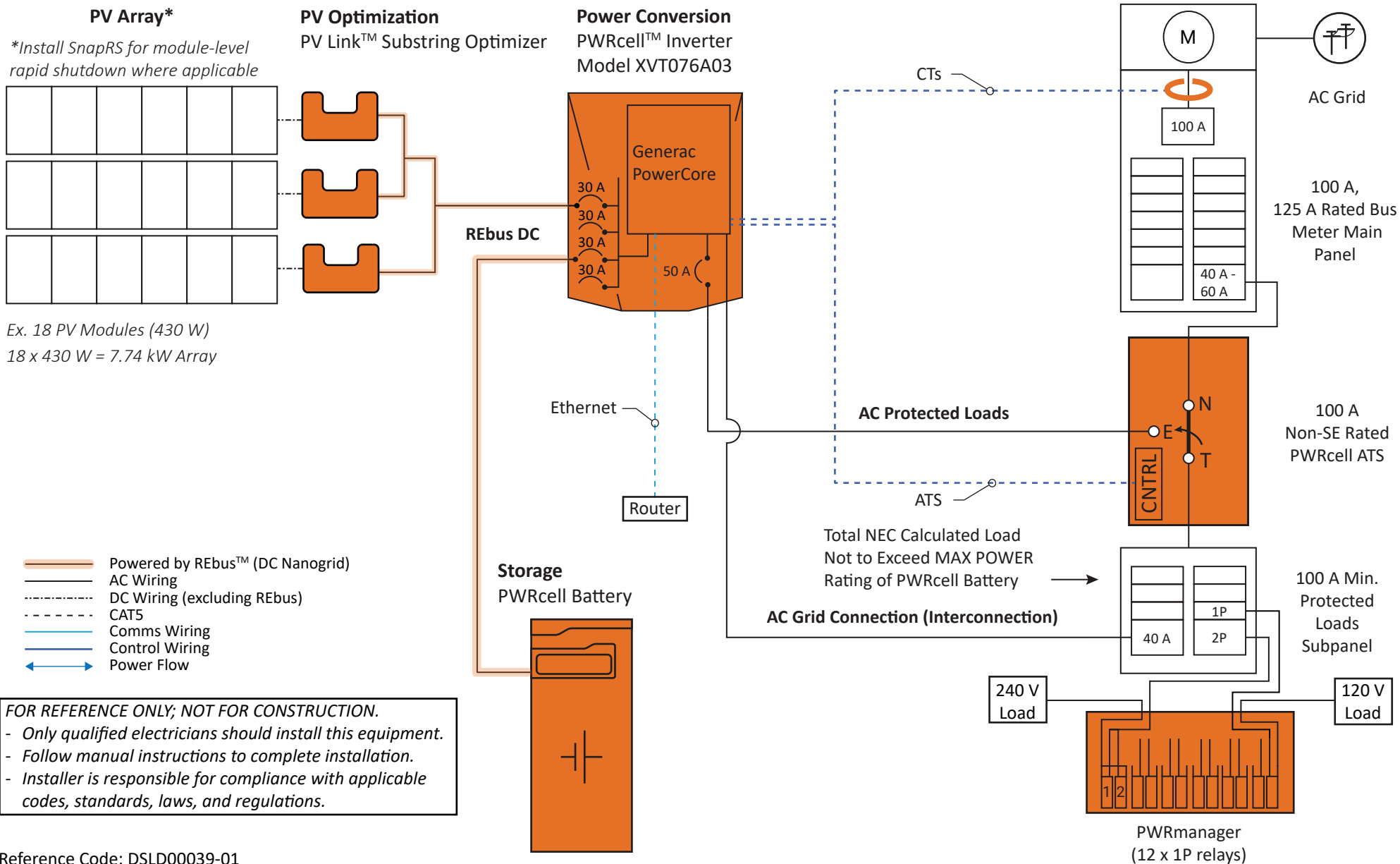
This design shows a PWRcell system providing Partial Home Backup to a Protected Loads subpanel fed off a meter main. This design is suitable for most residential 120 V / 240 V, 200 Amp services.

Partial Home Backup

200 A Meter Main, No PWRmanager

- 1 PWRcell Inverter
- 3 PV Links (max 6)
- 1 PWRcell Battery
- 1 CT Kit (included)
- 1 PWRcell ATS





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Reference Code: DSLD00039-01

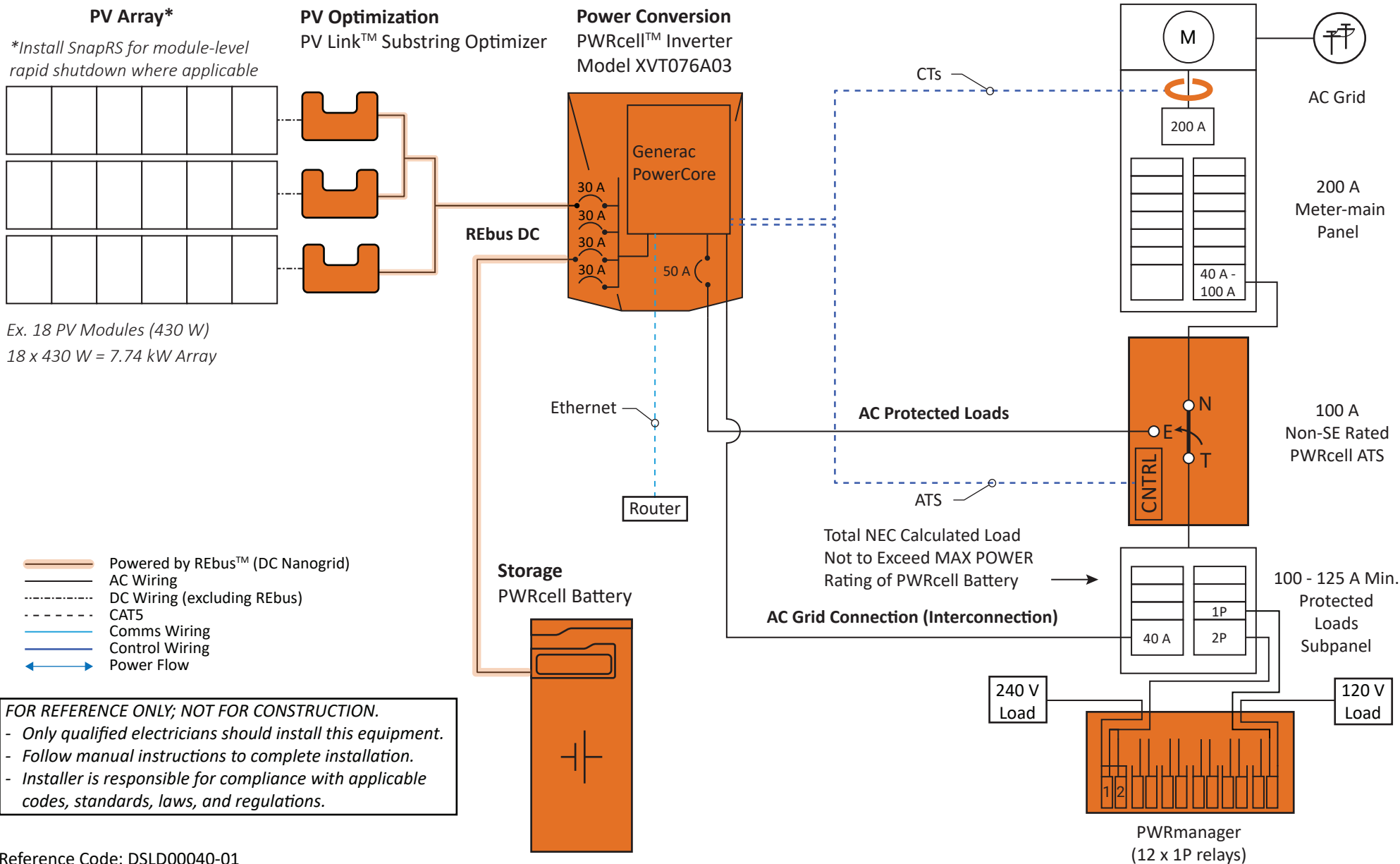
This design shows a PWRcell system providing Partial Home Backup to a Protected Loads subpanel fed off a meter main. A PWRmanager is installed for load management during backup. This design is suitable for most residential 120 V / 240 V, 100 Amp services.

Partial Home Backup

100 A Meter Main, With PWRmanager

- 1 PWRcell Inverter
- 3 PV Links (max 6)
- 1 PWRcell Battery
- 1 CT Kit (included)
- 1 PWRcell ATS
- 1 PWRmanager





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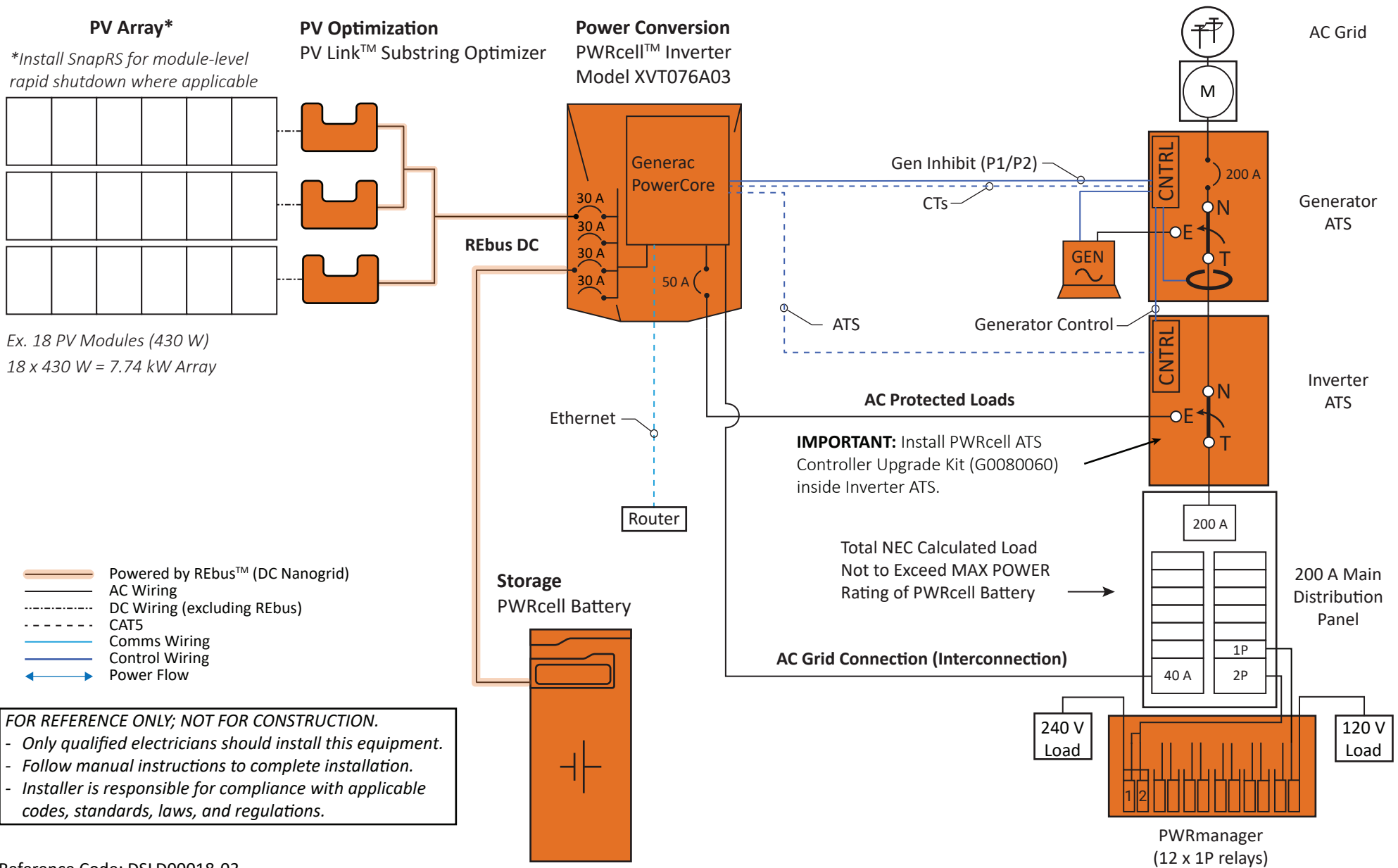
- Only qualified electricians should install this equipment.
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Reference Code: DSLD00040-01

This design shows a PWRcell system providing Partial Home Backup to a Protected Loads subpanel fed off a meter main. A PWRmanager is installed for load management during backup. This design is suitable for most residential 120 V / 240 V, 200 Amp services.

- ### Partial Home Backup
- #### 200 A Meter Main, With PWRmanager
- 1 PWRcell Inverter
 - 3 PV Links (max 6)
 - 1 PWRcell Battery
 - 1 CT Kit (included)
 - 1 PWRcell ATS
 - 1 PWRmanager





FOR REFERENCE ONLY; NOT FOR CONSTRUCTION.

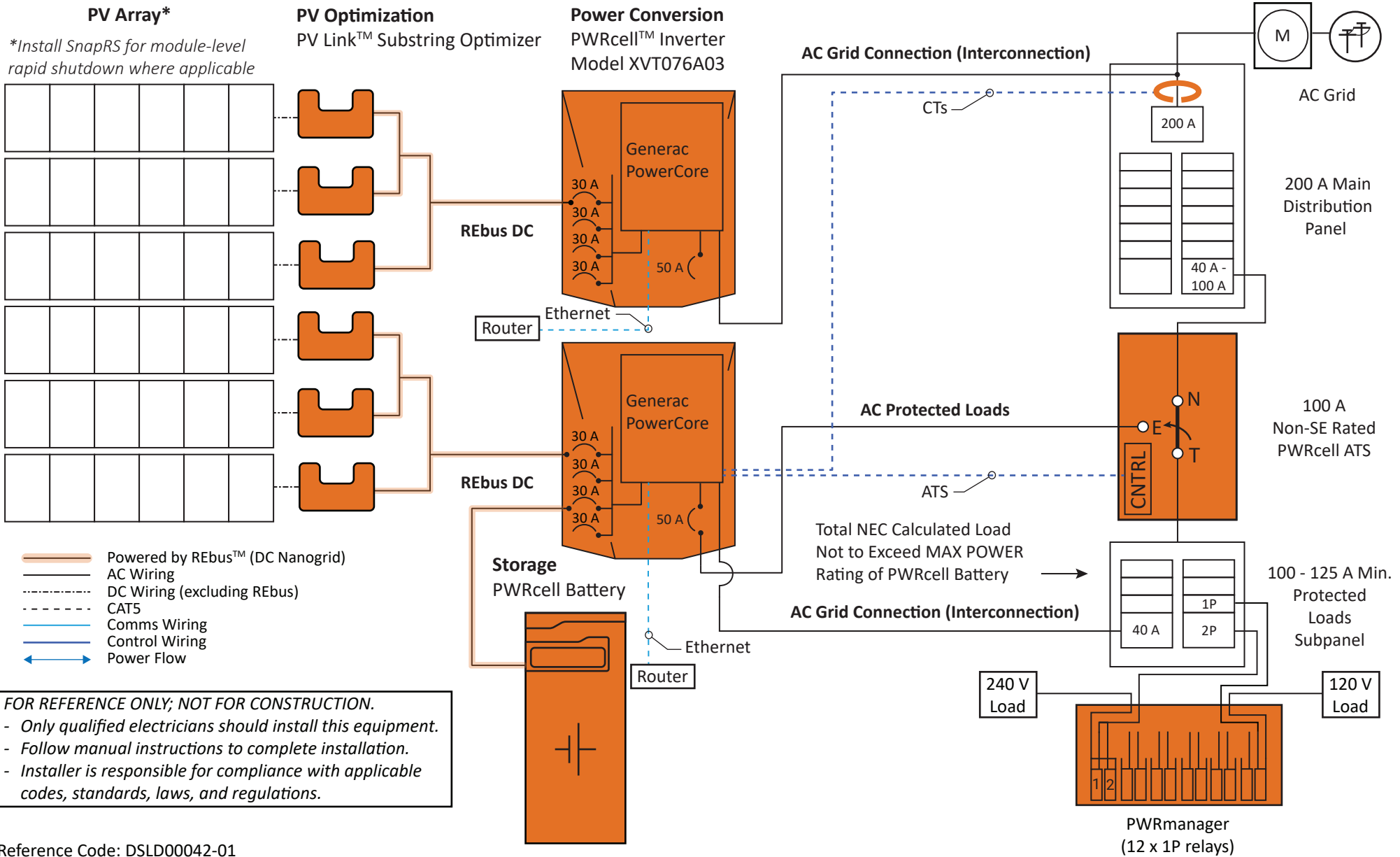
- Only qualified electricians should install this equipment.
- Follow manual instructions to complete installation.
- Installer is responsible for compliance with applicable codes, standards, laws, and regulations.

Reference Code: DSLD00018-03

This design shows a PWRcell system integrating a Generac generator. In this configuration, either the PWRcell system or the generator will provide whole home backup. When turned on, the generator can also charge the PWRcell Battery. This design uses PWRmanager for load management. It is suitable for most residential 120 V / 240 V services.

- Generator Integration**
- Whole Home Backup**
- 1 PWRcell Inverter
 - 3 PV Links
 - 1 PWRcell Battery
 - 1 CT Kit (incl.)
 - 2 PWRcell ATS
 - 1 PWRmanager
 - 1 Generac AC Generator
 - 1 G0080060 Upgrade Kit





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Reference Code: DSLD00042-01

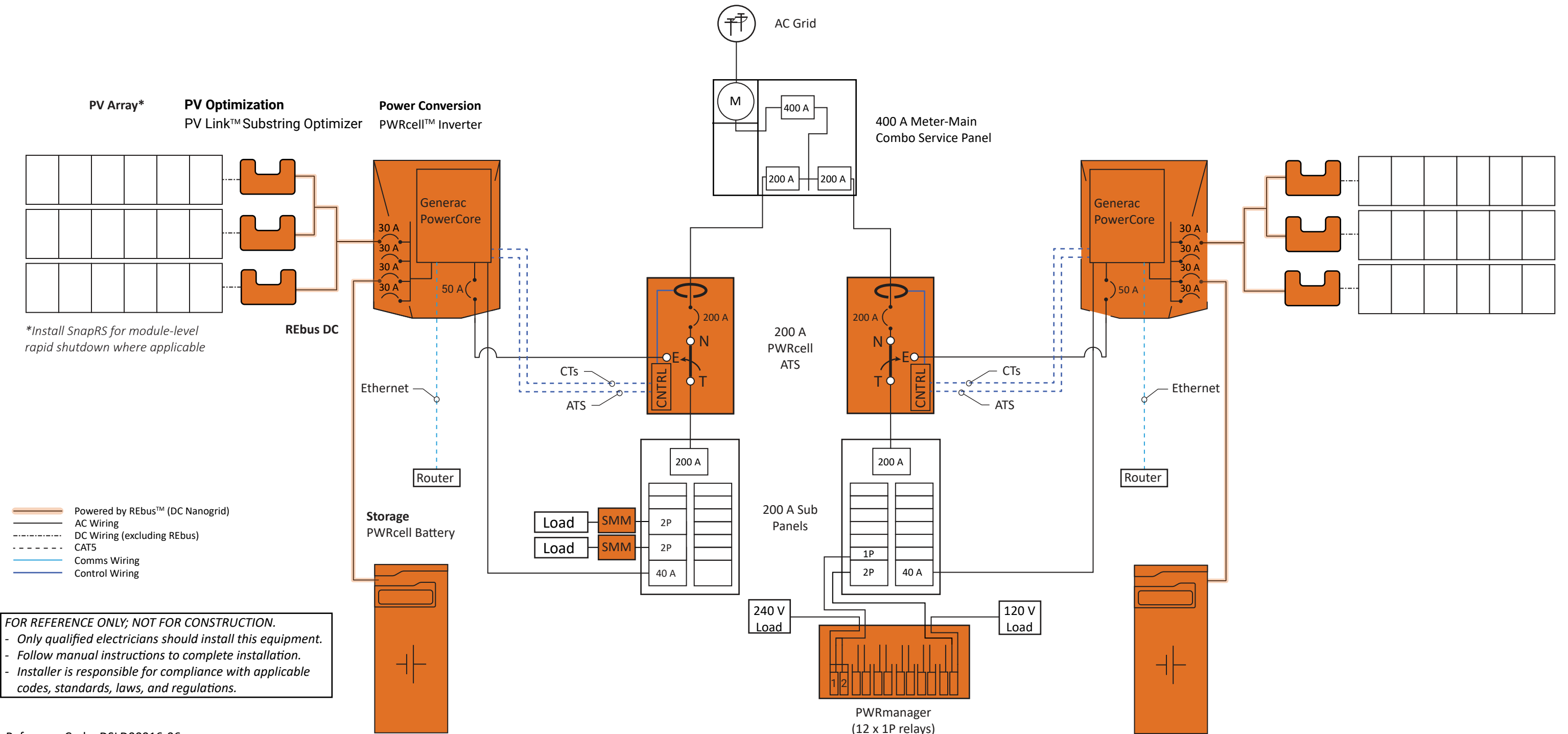
This design shows a PWRcell system providing Partial Home Backup to a Protected Loads subpanel. A PWRmanager is installed for load management during backup. This design is suitable for most residential 120 V / 240 V, 200 Amp services.

Multi-System

200 A, With PWRmanager

- 1 PWRcell Inverter
- 3 PV Links (max 6)
- 1 PWRcell Battery
- 1 CT Kit (included)
- 1 PWRcell ATS
- 1 PWRmanager





Reference Code: DSLD00016-06

This design shows two PWRcell systems, each connected to a PWRcell ATS for whole home backup. This system configuration will provide backup power to essential loads split between two sub-panels fed by meter-main combination equipment. This solution also applies to designs with separate meter and service panel equipment. Utilize Generac load management as needed in accordance with NEC 702.4(B) and Article 220. If preferred, non-essential loads can be left in the meter-main where they will not be powered during a utility service interruption. This design is acceptable for most residential 400 A 120 V / 240 V services.

Multi-System 400 A Meter Main

- 2 PWRcell Inverters
- 6 PV Links (max. 6/Inv)
- 2 PWRcell Batteries
- 2 SMMs
- 2 CT Kits (incl.)
- 2 200 A PWRcell ATS
- 1 PWRmanager

