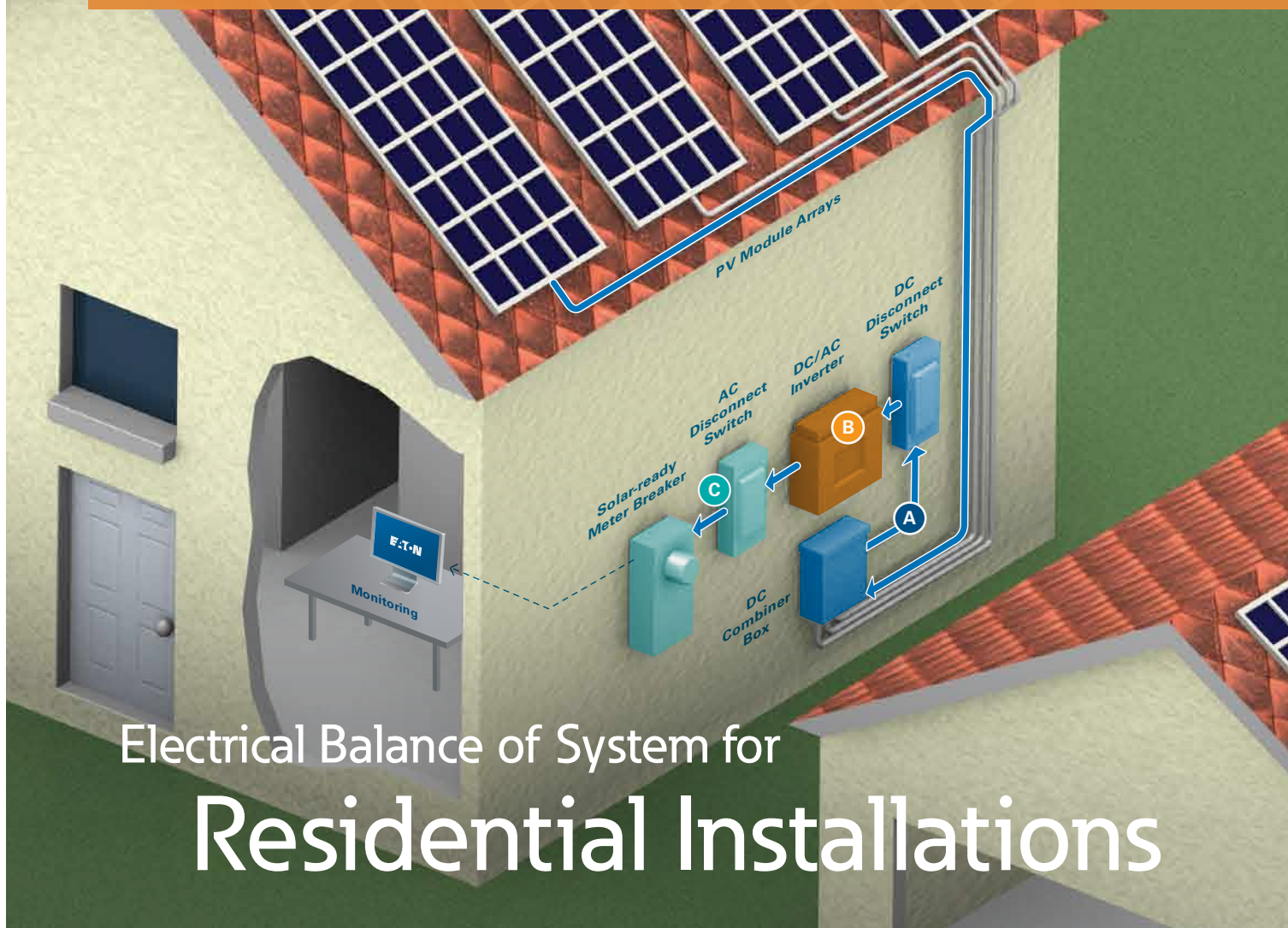


Connecting the
Power of the Sun

Electrical Balance of System
(BOS) for Residential Installations



Electrical Balance of System for Residential Installations

Our roots in the electrical business run deep. Eaton is a global technology leader in electrical components and systems for power quality, distribution and control. Our industry leading products and services are designed to deliver:

- Reliability
- Energy efficiency
- Safety
- Cost effectiveness

EATON

Powering Business Worldwide

Eaton Solar

One-stop BOS Shopping

We can assemble a package of Balance of System (BOS) equipment that is ready to be installed. You'll have one vendor, one purchase order, one delivery schedule and a single point of accountability.

- We can customize our solutions to the physical dimensions of your home
- Our BOS solutions will work with many photovoltaic (PV) panel manufacturers
- We offer a wide range of solar power solutions

Eaton product solutions combine:

- DC switching and protection (UL 1741)
- Robust inverter technology – same reliable technology that is used in our AC motor drives (UL 1741)
- AC switching and protection

EATON'S ELECTRICAL BALANCE OF SYSTEM

- A** DC switching and protection
- B** Solar inverters
- C** AC switching and protection

A DC switching and protection

DC combiner boxes



- Combines input photovoltaic strings forming a single output

DC disconnect switches



- Isolates photovoltaic source

Eaton's solutions for protecting and switching DC current are designed and tested to meet UL 1741 requirements for solar electrical balance of system equipment.

B Solar inverters

Solar inverters: 1kW – 10kW



Eaton's solar inverters use the same robust, reliable technology we put in our uninterruptible power systems (UPS). Solar inverters are designed and tested to meet UL 1741 standards.

C AC switching and protection

AC disconnect switches



- Isolates utility feed

Solar-ready loadcenters



Solar-ready meter breaker



Eaton's AC switching and protection solutions are designed to meet 2008 NEC® Article 690.94(B)(2) sizing requirements for solar photovoltaic systems.