



# 1500V DC DISCONNECT

The complete **install-ready** disconnect assembly

The ci360™ DC Disconnect assembly is built for smarter and simpler installation in the field. Each unit is factory-fabricated and quality tested with stub-ups, whips, grounding, labels, drain vents, and SPDs pre-installed, so it arrives onsite ready to set in place by crews of all experience levels. Paired with the Combiner Harness™ trunk solution, ci360™ DC Disconnect replaces traditional combiner boxes with a cooler, harness-based system for easy maintenance and long-term reliability. With a standard of two circuits per box and two boxes mounted per PV pile, the ci360™ DC Disconnect assembly maximizes system efficiency while reducing costly support materials and risk-prone fabrication onsite.

= product feature specialized to Construction Innovations

## Product Specifications

- Voltage rating: 1500VDC
- Max overcurrent protection: 500A
- Lugs: mechanical and/or compression
- Standard 2x circuits per enclosure
- Padlockable handle: lockout/tagout
- Pre-installed breather vent
- SPD for transient voltage suppression
- Assembled in the USA

## Ratings & Listings

- NEMA 4 rated enclosure
- NEC-compliant positive & negative disconnects
- Disconnect switches Listed to UL98B
- Assembly listed to UL Std. 508 and 508i

## Tiers & Configurations

Our PV Disconnects are available in multiple customizable configurations and assembly tiers to suit your project needs.



Configuration Details			Product Details*					
Name	Mounting	Circuits	Switch Type (Manual Load Break)	Operating Temp	Wire Compatibility	Termination	Enclosure Size	Enclosure Weight
Single-1C	Single Enclosure per pile	1x Circuit	2-pole	Up to 50°C	250 - 750 kcmil Al or Cu	Anti-rotational mechanical or compression lugs	24"W x 30"H x 10"D	352 lbs.
Single-2C		2x Circuits	4-pole					
Double-1C-2C	Double Enclosures per pile	1x Circuit / 2x Circuits	2-pole / 4-pole					
Double-2C-2C		2x Circuits / 2x Circuits	2-pole / 4-pole					

\*For mounting and maintenance details, please refer to the installation & operation manual specific to your PV disconnect configuration.

