

# PowerCab2<sup>®</sup>

## Factory Packaged Non-stop DC Power Systems

Countless configurations



**Complete non-stop DC power system** - integrated charger, DC distribution, and batteries

**Ships fully assembled** - cuts on-site labor time, cost, and risk

**Single source convenience** - means simple ordering, receiving, and after-sale service

**Space-saving cabinet** - consumes up to 8x less floor space

**More power, less space** - 400amps in the same space and weight as other 30amp chargers

**Fully enclosed system** - integrated closed door system ensures a safe working environment

**24, 48, 120, 240 volt systems** - suit nearly any application

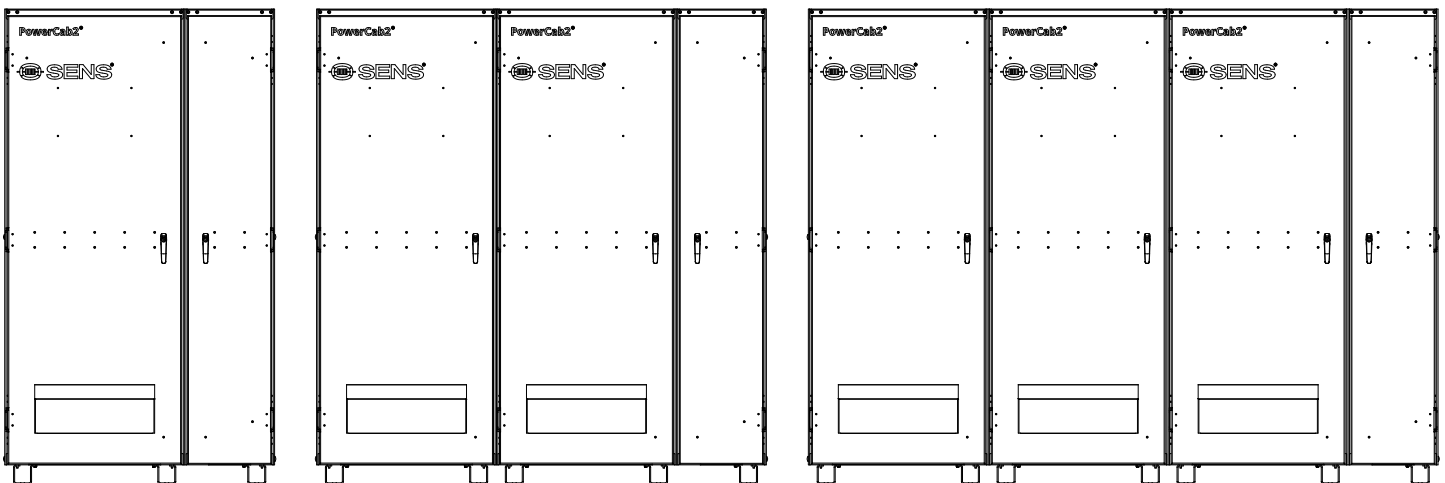
**Consistent quality** - ISO certified: 9001:2015

# PowerCab2: factory-wired, configured, & tested



- Factory-packaged – configured, designed, manufactured, assembled and tested from the SENS Colorado factory.
- Includes power conversion, energy storage, distribution, monitoring & more.
- Options for up to 32 two-pole breakers in a single 15" cabinet with SENS.
- Optional high AC and DC interrupt breakers also available.
- Multiple battery chemistries with choice of Sodium Metal Chloride (Salt Batteries from FZSoNick), Nickel-Zinc (ZincFive), or VRLA.
- Cabinet ingress protection ratings: NEMA 1 or NEMA 3R.
- Compact, efficient, hardened switch-mode power conversion for industrial energy storage applications.
- Tailored to your specific design and application requirements.

## Built to Meet Your Needs



UL Listed Systems: consult factory for details

# Choice of battery technology

Choosing the right battery technology is crucial for ensuring the safety and reliability of any device or system. With the increasing demand for power, selecting a battery that is not only safe, but also offers high reliability and performance is essential.



## Sodium-nickel Battery

Thrives in hot environments. Unlimited shelf life. High energy density. Ideal for medium or low discharge rate applications. Available in 24, 48, & 120-volt configurations. Long warranty & true 20-year rated life.

## VRLA Battery

Standard or high temperature front-terminal types offered from multiple suppliers. Medium discharge rate for switchgear applications is typical. Shown with factory installed battery monitor & float current sensor.



## Nickel-zinc Battery

Ideal for super high-rate applications with discharge times from 2 minutes to 1 hour. Tolerates high temperature better than VRLA. Long warranty & true 15-year rated life.

# Cuts risk, saves time, & money

SENS PowerCab2® is factory engineered and arrives fully assembled. Fast predictable installation allows your technicians to focus on higher value activities. Start saving valuable engineering and installer time by specifying the PowerCab2 non-stop DC power system.

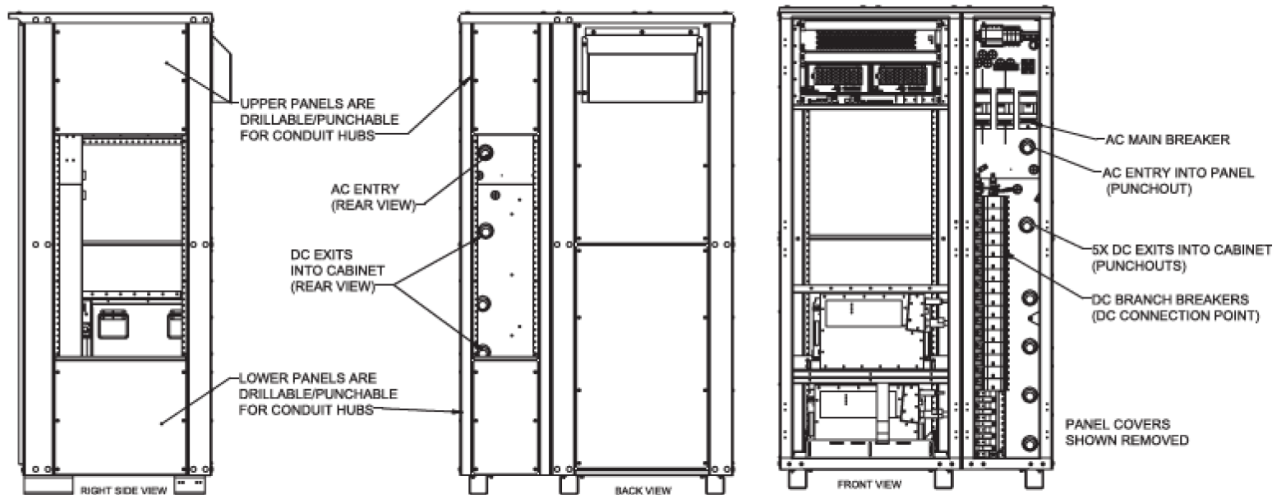
Risks & costs	PowerCab2®	Conventional system
Suppliers	Single source solution	Multiple suppliers need coordination
Engineering	Factory engineered, assembled & tested	Surprises and costly job site delays
Battery rack	No battery rack or assembly needed	Some assembly needed
Battery	No handling of batteries needed	Heavy & dangerous battery installation work
Space	Efficiently uses vertical space	Excessive, unpredictable space need
User safety	Live terminals enclosed in cabinet	Dangerous battery terminals
Ease of use	Single point of contact, standardized system	Multiple suppliers, poor system docs

## Sample Configuration

- One power bay and one distribution bay
- Multiple power and/or distribution bays
- 400A @ 120V max charger/power bay
- 400AH @ 120V max per power bay
- 22 ea 2P DC breakers/distribution bay

## Configuration Variations

- Multiple battery chemistries
- Single or three phase charger options
- Multiple load center options
- Battery monitoring



## Contact Information

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Contact SENS or your local sales representative for additional specification, engineering and installation information, or visit SENS' website for latest available data. Specification subject to change without notice.

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