



Commercial Storage System

SolarEdge CSS-OD

Help businesses
manage fluctuating
energy costs with
SolarEdge's new
102.4kWh rated
outdoor battery



The CSS-OD battery cabinet and integrated 50kW inverter are designed for easy installation to reduce time onsite, and include advanced battery safety technology for maximum system protection.

Powered by SolarEdge ONE for C&I, the CSS-OD enables optimized energy production for a wide range of sectors and needs.

Optimized battery storage



Faster installations and deployment

Delivered in a pre-assembled cabinet for minimal on-site work and fewer installation faults. Suitable for indoor and outdoor use.



Scalable design

Customize AC-coupled sites with up to two batteries per SolarEdge inverter, scaling up to MWh-size sites*



Safe and Cyber Secure

Includes advanced, built-in fire safety features. A single communications gateway protects the system from unauthorized access, maximizing cyber safety.



Single trusted partner

Benefit from one partner for PV + storage, offering seamless system design and operation with an industry-leading warranty, and one source for training, and support.

One solution to manage all site energy needs

SolarEdge CSS-OD is one component of an end-to-end solution powered by SolarEdge ONE for C&I, a cloud-based energy optimization platform and SolarEdge ONE Controller for C&I, onsite hardware that integrates and ensures the cyber secure communication of the site's energy infrastructure. Together, they help drive down energy costs by automatically and constantly optimizing site energy production and battery performance.

Multiple energy optimization modes and diverse use cases are supported, including:

- Maximized self-consumption
- Peak shaving
- Tariff optimization for dynamic pricing**
- Market participation**

* Initial release supports a single battery inverter and battery cabinet in on-grid applications

** Coming soon



SolarEdge ONE for C&I
Cloud-based Energy Management Platform



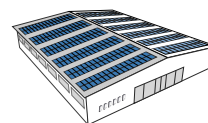
SolarEdge ONE Controller for C&I
On-site Manager



PV Production
SolarEdge inverters and Power Optimizers



SolarEdge CSS-OD
Battery cabinet & battery inverter



Learn more about the CSS-OD



[SolarEdge CSS-OD Datasheet](#)



[SolarEdge CSS-OD Safety Datasheet](#)



[SolarEdge CSS-OD Video](#)



[SolarEdge CSS-OD Safety Brochure](#)

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