

Powering Artificial Intelligence

Capacitive Energy Storage System (CESS)

The Flex CESS is the first to market Capacitive Energy Storage System which balances utility power in datacenters.

Main features

- Supports and balances power supply systems during large power transients
- Long lifespan
- Operating temperature +10 to +45°C
- 22kW Power Conditioning Unit (PCU)
- Parallelable up to 8 units per Rack Power Zone

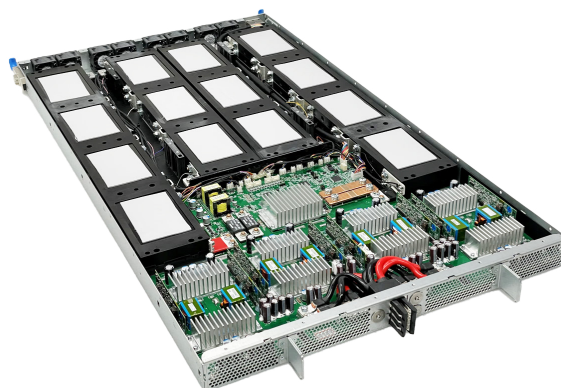
Applications

- AI servers
- Hyperscale cloud services

Dimensions (H x W x L)

537 x 938 x 46 mm / 21.1 x 36.9 x 1.8 in

Part number	Flex CESS
Output power max.	22kW
Output voltage	45.5V to 51.5V
Output current	+/- 440A
Input voltage range	45.5V to 51.5V
Cooling	Fan cooled
I/O connector	BK500
Safety	UL810, UL81A, UL810B, IEC 60384, IEC 62813
Communication	MODBUS over RS-485



Flex's CESS is designed with Musashi's Hybrid SuperCapacitors, known for excellent power density, longevity, and reliability



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