



SKUs shown:
CI48400-I-2P-U, CI48800-I-2P-U

Cadence UPS Product Series

Cadenza Innovation offers safe and reliable back-up power systems, suitable for most IT installations in schools, libraries, and businesses. The *Cadence* series UPS enables configurable product options to match customer requirements and to grow in capability as site assets expand. Cadenza combines innovative safety designs with the affordable advantages of lithium-ion battery technology and delivers a UPS product with exceptional performance that assures key system infrastructure function and critical data protection. With Cadence UPS installed, the total cost of ownership is greatly reduced compared to legacy lead acid technology because long battery life enables 2-3 times longer service life.

The *Cadence* UPS series can deliver 6.8 kW or 17.2 kW with 120/240 or 208 VAC, depending on product configuration. Backup power duration is scalable in 5 kWh increments based on the installed quantity of stackable lithium-ion battery modules. The *Cadence* series uses a hybrid inverter with integrated charger, conditioning power to protect and maintain equipment function, providing instantaneous response to power outages, and safely managing battery charging and discharging.

KEY FEATURES

- 3-year warranty with upgrade option for 10-years
- Eligible for schools and libraries under the FCC E-rate program
- High efficiency, safety and reliability
- Robust, fully integrated server rack mounted system¹
- Power outage resiliency
- Automatic Power Quality detection and adjustments
- Surge and voltage sagging protection
- Long life, 51.2 V lithium-ion battery modules
- Scalable back-up runtime based on product configurations with 10 to 160¹ kWh power storage
- Realtime monitoring using *My Cadenza Cloud*²
- Upgradeable energy storage features³



Notes:

- (1) Alternative and customized configurations available
- (2) Optional software functionality available for license
- (3) Contact Cadenza Innovation for more information

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Collaboration Center

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Cadence Series Rack mounted UPS Product Listing (SKU)

Product ID Model No.	SKU	Nameplate Ratings		
		Output Power (kVA / kW)	Backup Energy (kWh)	Output Voltage
CI48200-I-2P	CI48200-I-2P-U	7.2 / 6.8	10	120/240 VAC
CI48400-I-2P	CI48400-I-2P-U	7.2 / 6.8	20	120/240 VAC
CI48500-I-2P	CI48500-I-2P-U	7.2 / 6.8	25	120/240 VAC
CI48600-I-2P	CI48600-I-2P-U	7.2 / 6.8	30	120/240 VAC
CI48600-I-3P	CI48600-I-3P-U	18.2 / 17.3	30	208 VAC, 3-phase
CI48700-I-2P	CI48700-I-2P-U	7.2 / 6.8	35	120/240 VAC
CI48700-I-3P	CI48700-I-3P-U	18.2 / 17.3	35	208 VAC, 3-phase
CI48800-I-2P	CI48800-I-2P-U	7.2 / 6.8	40	120/240 VAC
CI48800-I-3P	CI48800-I-3P-U	18.2 / 17.3	40	208 VAC, 3-phase
CI481000-I-2P	CI481000-I-2P-U	7.2 / 6.8	50	120/240 VAC
CI481000-I-3P	CI481000-I-3P-U	18.2 / 17.3	50	208 VAC, 3-phase
CI481200-I-2P	CI481200-I-2P-U	7.2 / 6.8	60	120/240 VAC
CI481200-I-3P	CI481200-I-3P-U	18.2 / 17.3	60	208 VAC, 3-phase
CI481400-I-2P	CI481400-I-2P-U	7.2 / 6.8	70	120/240 VAC
CI481400-I-3P	CI481400-I-3P-U	18.2 / 17.3	70	208 VAC, 3-phase
CI481600-I-2P	CI481600-I-2P-U	7.2 / 6.8	80	120/240 VAC
CI481600-I-3P	CI481600-I-3P-U	18.2 / 17.3	80	208 VAC, 3-phase
CI483200-I-2P	CI483200-I-2P-U	7.2 / 6.8	160	120/240 VAC
CI483200-I-3P	CI483200-I-3P-U	18.2 / 17.3	160	208 VAC, 3-phase
Additional services				
Site License	CI48-CC-SL-U	Optional, one-time nominal fee for <i>My Cadenza Cloud</i> software that enables enhanced monitoring and notification, and options for energy management services such as time of use arbitrage (not eligible for E-rate program).		
<i>My Cadenza Cloud</i> Training	CI48-CC-TR-U	Training for use of My Cadenza Cloud software; billed at an hourly rate.		
Installation	CI48-CC-IS-U	Installation services to fully install and bring into service Cadenza UPS products; billed at an hourly rate. Does not include any required site preparation work separate from the <i>Cadence</i> UPS products.		
Extended Warranty	CI48-CC-EW-U	10-year extended warranty option		

Cadence Series Rack mounted UPS

Additional Product Specifications

Feature		Specification
Key Features		
Max Continuous Power		7200 VA (split phase) 18200 VA (3-phase)
Power Ratings	Continuous	6.8 kW (split phase) 17.3 kW (3-phase)
	60 sec	12 kW 30 kW
	30 min	8.5 kW 22 kW
Total Energy		Configurable from 10 kWh to >160 kWh
Parallel Capability		Yes, multi-system aggregation possible
System Dimensions (single rack)		D 21.9" (55.7 cm) x W 22.5" (57.1 cm) x H 83.8" (212.8 cm)
System Weight		Configuration dependent
Operational Environment	Temperature	0 to 35 °C
	Humidity	5 to 95%, non-condensing
Input		
Rectifier Type		Hybrid Inverter, integrated charger (FET based)
Nominal Input Voltage		240 VAC (3-wire, split phase) 208 VAC (4-wire, 3-phase)
Input Voltage Range		220 VAC to 247 VAC
Input Connection		Split phase 240 VAC (L1-N 120 VAC & L2-N 120 VAC)
Input Frequency Range		52–68 Hz
Soft start		Default 50s (configurable)
Short Circuit Withstand Rating		10 kA
Output		
Inverter Type		Hybrid Inverter, True Sine-wave
Nominal Output Voltages		120/240 VAC (split phase) 208 VAC (3-phase)
Maximum AC Continuous Output Current		Configuration dependent
Battery		
Type		Lithium iron phosphate (LFP) Lithium-ion battery modules; 5 kWh
Nominal DC Bus Voltage		51.2 VDC
Module Capacity		100 Ah
Battery Protection		Integrated battery management system (BMS)
Product Options (not included with standard UPS SKU)		
<ul style="list-style-type: none"> • <i>My Cadenza Cloud</i> system management including: <ul style="list-style-type: none"> • Remote monitoring • Energy dispatch and charge scheduling • Grid connection for support of energy management services • Renewable energy (solar, wind, etc.) interface • Product installation and training support • 10-year extended warranty 		