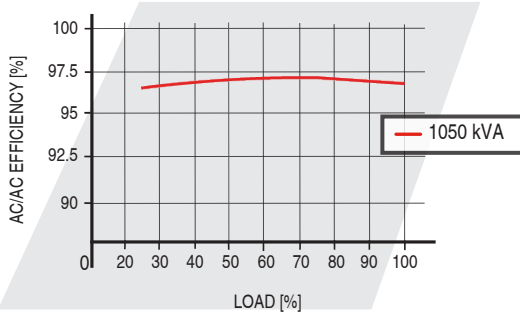


# 9900CX DATA SHEET 1050 kVA



**99.9995%**  
Equipment reliability

## HIGH EFFICIENCY %



### AC/AC EFFICIENCY CURVES

Load %	1050 kVA
25%	96.2%
50%	96.9%
75%	97.0%
100%	96.8%

## FEATURES & BENEFITS

- 1 Space saving footprint
- 2 Unprecedented load capabilities
- 3 Up to 97% efficient
- 4 Capable of internal module level redundancy
- 5 Parallelable up to 6 units

Rated Output	1050 kVA (1000 kW)
<b>AC INPUT</b>	
Configuration	3 phase, 3 wire
Voltage	480V +15%, -20%
Frequency	60Hz ±10%
Power Factor	0.99 lagging
Reflected Current THD	3% typ. at 100% load; 5% typ. a 50% load
<b>BATTERY</b>	
Nominal Voltage	480 Vdc
Minimum Voltage	400 Vdc
Float Voltage	up to 600 Vdc
Type	VRLA, VLA, NiCad, <a href="#">Lithium Ion</a>
<b>AC OUTPUT</b>	
Configuration	3 phase, 3 wire
Voltage	480V
Voltage Regulation	±1% for balanced load; ±2% for unbalanced load
Voltage Balance	1%
Voltage THD	< 2% at 100% linear load; < 5% at 100% non-linear load
Transient Response	±3% for step load; ±1% for loss/return of AC input; ±5% for retransfer from bypass to inverter
Transient Recovery Time	20 ms
Frequency	60Hz
Frequency Regulation	±0.01% in free running mode
Phase Displacement	±1° for 100% balanced load; ±3% for 100% unbalanced load
Power Factor	0.95
Overload Capacity	105%-110% for 60 min; 111%-125% for 10 min; 126%-150% for 1 min
<b>ENVIRONMENTAL</b>	
Cooling	Forced Air
Operating Temperature	32°F to 104°F (0°C to 40°C)
Relative Humidity	5% to 95% non-condensing; recommended 30% to 70%
Altitude	0 to 6500 feet (1980 m)
Location	Temperature-controlled, indoor area free of conductive contaminants
Clearance Required (Max)	Top: 23.6 in; Front: 39.4 in; Rear: 0 in
<b>GENERAL</b>	
Weight	6613 lb (3000 kg)
Dimensions (WxDxH) (In)	118.1 x 35.4 x 80.7
Heat Rejection (kBTU/Hr) @ 100% Load	125.9

## ABOUT US

Based in Pittsburgh, PA, the Critical Power Solutions Division (CPSD) is a business unit of [Mitsubishi Electric Power Products, Inc. \(MEPPI\)](#). Mitsubishi Electric has been manufacturing precision engineered highly reliable uninterruptible power supplies since 1964 and introduced a line of cooling systems in 2021. CPSD's operations include Project Application Engineering, Design Engineering, Service & Support, Manufacturing & Warehousing, Quality, Sales and Marketing.



### OUR SERVICES

Mitsubishi Electric's highly reliable and efficient products are backed by a full range of Field and Factory Services:

- Factory Testing & Startup
- 24/7 Customer Support
- Maintenance & Repairs
- Batteries & Battery Services



**EVERPOWER**

[mitsubishicritical.com](https://mitsubishicritical.com)  
[CPSales@meppi.com](mailto:CPSales@meppi.com)  
 1-800-887-7830  
 724-772-2555

SA-ENL0043R2 (02/22)