

EMERGENCY LIGHTING UPS DATA SHEET



FEATURES & BENEFITS

- 1** 1100 SERIES UPS is modular & expandable
- 2** LARGE CAPACITIES allow for a centralized approach
- 3** SMALL FOOTPRINT
- 4** FRONT TERMINAL VRLA for ease of maintenance
- 5** UL LISTED to UL 924

9900 AEGIS

Rated Output	80 kVA (72 kW)	100 kVA (90 kW)
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AC INPUT

Configuration	3 phase, 3 wire
Voltage	480V +15%, -20%
Frequency	60Hz ±5%

BATTERY DATA

Nominal Voltage	480 Vdc
Number of Cabinets	2
Type	Front Terminal VRLA
Runtime	Minimum 90 Minutes

AC OUTPUT

Configuration	3 phase, 4 wire
Voltage	480V
Voltage Regulation	±1% for balanced load, ±2% for unbalanced load
Frequency	60Hz

1100 SERIES

Rated Output	10 kVA (9 kW)	20 kVA (18kW)	30 kVA (27 kW)	40 kVA (36 kW)	50 kVA (45 kW)	60 kVA (54 kW)
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AC INPUT

Configuration	3 phase, 3 wire
Voltage	120/208V +15%, -30%
Frequency	60Hz ±10%

BATTERY DATA

Nominal Voltage	288 Vdc	
Number of Cabinets	1	2
Type	Front Terminal VRLA	
Runtime	Minimum 90 Minutes	

AC OUTPUT

Configuration	3 phase, 4 wire
Voltage	120/208V
Voltage Regulation	±1% for balanced load, ±3% for unbalanced load
Frequency	60Hz

GENERAL	9900AEGIS	Battery Cabinet (each)	1100A	1100B	Battery Cabinet (each)
Model	9900AEGIS	Battery Cabinet (each)	1100A	1100B	Battery Cabinet (each)
Weight	772 lb (350 kg)	7210 lb (3270 kg)	290-420 lb (132-191 kg)	498-719 lb (226-326 kg)	4460 lb (2023 kg)
Dimensions (WxDxH) (In)	27.6 x 32.8 x 80.6	48.5 x 33.6 x 84	19.7 x 27 x 55.1	31.5 x 27 x 67.3	36 x 31.5 x 82

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