

EMERGENCY LIGHTING UPS DATA SHEET



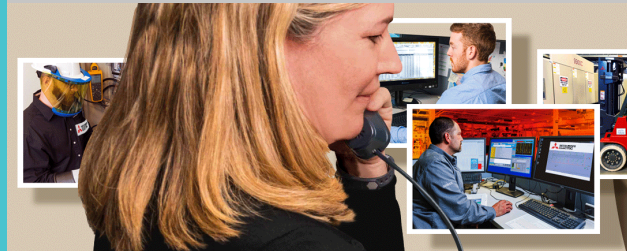
Whether your building is commercial, multi-residential, a data center, or other type of facility, an effective emergency lighting system is vital for the safe evacuation of occupants during emergency situations. Mitsubishi Electric offers multiple UPS solutions that are UL 924 tested and certified and provide a solution with the highest reliability among backup power equipment suppliers.

The 9900AEGIS is the smallest in the popular 9900 series UPS from Mitsubishi Electric. Like all other Mitsubishi Electric UPSs, the AEGIS™ is a three-phase, on-line double-conversion system and features Mitsubishi Electric's world-renowned 3 Level Insulated Gate Bipolar Transistor (IGBT) technology for enhanced UPS performance and reliability. Available in 80kVA and 100kVA sizes for UL 924 applications, the AEGIS™ also has a higher power density than comparable UPSs, maximizing power output while minimizing footprint.

The Mitsubishi Electric DiamondPlus® 1100 series UPS is available in two models for UL 924 applications, providing multiple options to meet your specific needs. The UL 924 versions of the 1100A series include 10kVA through 40kVA and those in the 1100B series include 10kVA through 60kVA. Both models can be expanded in 10kVA increments up to their final size, allowing the UPS to grow with your load or have the option of internal redundancy.

ABOUT US

The Mitsubishi Electric name has long been recognized as one of the world's leaders in the manufacture of electrical products. From its founding in 1921, Mitsubishi Electric has been at the forefront of technical ingenuity and product innovation. Since 1964, Mitsubishi Electric has been manufacturing precision engineered highly reliable Uninterruptible Power Supplies and solving the challenges of American critical facilities since 1985. Mitsubishi Electric leads the way in technological advances of uninterruptible power supplies and is the only major brand that manufactures its own semiconductors. Mitsubishi Electric holds the highest efficiency rating for the AC-Double Conversion (VFI) category on the Energy Star web site and openly shares reliability data.



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

Simply call 800-887-7830 for assistance.

FEATURES & BENEFITS

- 1100 Series UPS is modular and expandable
- Large capacities allow for a centralized approach
- Small footprint
- Front terminal VRLA batteries for ease of maintenance
- Listed to UL 924

DIMENSIONS & WEIGHTS

Model	Dimensions (W x D x H) (in.)	Weight (lbs)
9900AEGIS	27.6 x 32.8 x 80.6	772
Battery Cabinet (each)	48.5 x 33.6 x 84	7210
DiamondPlus 1100A	19.7 x 27 x 55.1	290 - 420
DiamondPlus 1100B	31.5 x 27 x 67.3	498 - 719
Battery Cabinet (each)	36 x 31.5 x 82	4460

DiamondPlus 1100A



9900AEGIS

DiamondPlus 1100B



NOTE: Above illustrations are not to scale.

IT'S TIME TO RETHINK YOUR UPS.

www.MitsubishiCritical.com
 UPSsales@meppi.com
 800-887-7830
 724-772-2555



SA-ENL0058R1 (05/21)

9900AEGIS™		
Rated Output kVA	80	100
Rated Output kW	72	90
AC Input		
Configuration	3 phase 3 wire	
Voltage	480V +15%, -20%	
Frequency	60Hz ±5%	
Battery		
Nominal Voltage	480 Vdc	
Number of Cabinets	2	
Type	Front Terminal VRLA	
Runtime	Minimum 90 Minutes	
AC Output		
Configuration	3 phase 3 wire	
Voltage	480V	
Voltage Regulation	±1% for balanced load, ±2% for unbalanced load	
Frequency	60Hz	

DiamondPlus® 1100						
Rated Output kVA	10	20	30	40	50	60
Rated Output kW	9	18	27	36	45	54
AC Input						
Configuration	3 phase 4 wire					
Voltage	120/208V +15%, -30%					
Frequency	60Hz ±10%					
Battery						
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, ±2% for unbalanced load					
Frequency	60Hz					