

XTREME POWER CONVERSION M90 // MITSUBISHI Diamond Plus COMPARISON

The M90 is a scalable modular online double conversion UPS that efficiently protects critical data and equipment from power problems. M90 products are available in capacities from 20KVA to 60KVA with internal or external battery options.



20KVA UPS COMPARISON

	XTREME POWER M90-20kVA	Mitsubishi Diamond Plus	ADVANTAGES
Capacity	20KVA/18KW	20KVA/18KW	Both Extreme Power M90 and Mitsubishi provide 20KVA/18KW available power.
Topology	Online double conversion	Online double conversion	Both the Xtreme Power M90 and the Mitsubishi Diamond Plus offer online topology, providing the highest degree of power protection.
Modularity	20KVA to 60KVA in 20KVA increments	10KVA to 20KVA in 10KVA increments	Both the Xtreme Power M90 and the Mitsubishi Diamond Plus have modular chassis construction making it easy to add modules for capacity or redundancy, increasing capability without increasing footprint. M90 is scalable to 60KVA, while Mitsubishi (with internal batteries), is limited to 20KVA.
Efficiency	Up to 98% ECO Mode 94% Online Mode	93% Online Mode	Xtreme Power M90 has higher efficiency with ECO Mode and OnLine Mode operation, reducing energy consumption and heat output. Mitsubishi does not offer ECO mode.
Internal Runtime	Up to 27 minutes @ 18KW	Up to 5 minutes @ 18KW	Xtreme Power M90 provides much longer runtime with internal batteries.
Maintenance Bypass	Standard	Optional	Xtreme Power P90 has a standard internal Maintenance Bypass Switch, allowing for service of the UPS without disconnecting the loads. The Mitsubishi requires an optional external MBP for this purpose.
Display	LCD	LCD	Xtreme Power M90 has an intuitive 5.7" LCD graphical interface display. Mitsubishi Diamond Plus offers a 3.4" LCD with touch screen.
Warranty	2 years	2 years	Both Xtreme Power M90 and Mitsubishi Diamond Plus come with a 2 year warranty.