

XTREME POWER CONVERSION **M90U** // Mitsubishi Diamond Plus COMPARISON

The M90U is a scalable modular online double conversion Unity Power Factor UPS that efficiently protects critical data and equipment from power problems. M90U is available in capacities from 15KVA/15kW to 60KVA/60kW with internal or external battery options.



20KVA UPS COMPARISON

	XTREME POWER M90U	Mitsubishi Diamond Plus	ADVANTAGES
Capacity	20KVA/20KW	20KVA/18KW	Xtreme Power M90U 20kVA/20kW provides >11% more usable capacity than the 20kVA/18kW Mitsubishi.
Topology	Online double conversion	Online double conversion	Both the Xtreme Power M90U and the Mitsubishi Diamond Plus offer online topology, providing the highest degree of power protection.
Modularity	15KVA to 60KVA in 15 or 20KVA increments	10KVA to 20KVA in 10KVA increments	Both the Xtreme Power M90U and the Mitsubishi Diamond Plus have modular chassis construction making it easy to add modules for capacity or redundancy, increasing capability without increasing footprint. M90U 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 M90U has higher efficiency with ECO Mode and On-Line Mode operation, reducing energy consumption and heat output. Mitsubishi does not offer ECO mode.
Internal Runtime	Up to 26 minutes at 20KW	Up to 5 minutes at 18KW	Xtreme Power M90U provides much longer runtime with internal batteries.
Maintenance Bypass	Standard	Optional	Xtreme Power M90U 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 M90U has an intuitive 5.7" graphical interface display. Mitsubishi Diamond Plus offer a 3.4" touch screen.
Warranty	2 yr	1 yr	Xtreme Power M90U provides twice the warranty than the Mitsubishi Diamond Plus.