

XTREME POWER CONVERSION **M90U** // MITSUBISHI **1100A** 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.



UPS COMPARISON

	XTREME POWER M90U	Mitsubishi Diamond Plus 1100A	ADVANTAGES
Capacity	15KVA/15KW to 60kVA/60kW	10KVA/9KW to 50kVA/45kW	Xtreme Power M90U has a Unity PF for the most power handling capability available in the market. Mitsubishi has a .9 PF. The M90U higher KVA capability and higher Power Factor enables the M90U to provide 33% more useable power to the loads.
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.
Internal Runtime	Up to 6 minutes at 60KW	Up to 5 minutes at 18KW	Xtreme Power M90U provides internal battery runtime options up to 60kW. Mitsubishi internal batteries are available only up to 20kVA/18kW. Above 20kVA, Mitsubishi requires external battery cabinets which must be installed and wired by an electrician.
Efficiency	Up to 98% ECO Mode 94% Online Mode	93% Online Mode	Xtreme Power M90U has higher efficiency with ECO Mode and Online Mode operation, reducing energy consumption and heat output. Mitsubishi does not offer ECO mode.
Maintenance Bypass	Standard	Optional	Xtreme Power M90U's Maintenance bypass within the UPS frame eliminates the need for external component connections, reducing installation costs. The optional Mitsubishi maintenance bypass is separate and must be installed and wired by an electrician.
Display	LCD	LCD	Xtreme Power M90U has an intuitive 5.7" LCD graphical interface display. Mitsubishi Diamond Plus offers a 3.4" LCD with touch screen.
Warranty	2 years	1 year	Xtreme Power M90U provides twice the warranty than the Mitsubishi Diamond Plus.