

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

The M90U is a Unity power factor modular online double conversion UPS that protects critical data and equipment with industry leading reliability, efficiency, and flexibility. M90U products are available in capacities from 15KVA/15KW to 140KVA/140KW N+1 with internal or external battery options.



20kVA UPS COMPARISON

	XTREME POWER M90U-20KVA	Mitsubishi Diamond Plus 1100A	ADVANTAGES
Capacity	20KVA/20KW	20KVA/18KW	Xtreme Power M90U provides 12% more useable power (KW) than the Mitsubishi.
Topology	Online double conversion	Online double conversion	Both the Xtreme Power M90U and the Mitsubishi offer online topology, providing the highest degree of power protection.
Modularity	20KVA/20KW to 60KVA/60KW in 20KVA/20kW increments	10KVA/9KW to 20KVA/18KW in 10KVA/9KW increments	Both the Xtreme Power M90U and the Mitsubishi have modular chassis construction making it easy to add modules for capacity or redundancy. M90U is scalable to 60KVA/60KW, while Mitsubishi (with internal batteries), is limited to 20KVA/18KW.
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 @ 20KW	Up to 5 minutes @ 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" LCD graphical interface display. Mitsubishi offers a 3.4" LCD with touch screen.
Warranty	2 years	1 year	Xtreme Power M90U provides double the warranty period.