

XTREME POWER CONVERSION **M90** // MITSUBISHI **1100A** COMPARISON

The M90 is a scalable modular online double conversion UPS that protects critical data and equipment with industry leading reliability, efficiency, and flexibility. M90 products are available in capacities from 15KVA to 60KVA with internal or external battery options.



40KVA Comparison

	XTREME POWER M90-40KVA	Mitsubishi Diamond Plus 1100A	ADVANTAGES
Capacity	40KVA/36KW	40KVA/36KW	Both Xtreme Power M90 and Mitsubishi provide 40KVA/36KW available power.
Topology	Online double conversion	Online double conversion	Both the Xtreme Power M90 and the Mitsubishi provide the highest degree of power protection.
Modular Construction	20kVA Power Modules	10kVA Power Modules	Both the Xtreme Power M90 and the Mitsubishi 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 is limited to 50KVA.
Integrated System	Integral Battery and Maintenance Bypass	Separate Battery and Maintenance Bypass	Xtreme Power M90 has a standard internal Maintenance Bypass Switch and Modular Batteries. The Mitsubishi requires an external maintenance bypass and Battery Cabinet adding footprint and installation expense.
Battery Service	Modular Battery	Traditional Battery	Xtreme Power M90 modular battery construction are easier to service and faster to replace at the end of life.
Footprint	20.3"W x 39.4"D x 54"H	19.7"W x 27.0"D x 55.2"H+ 10.0"W x 25.5"D x 55.2"H+ 19.7"W x 28.8"D x 55.2"H	Xtreme Power compact enclosure includes Battery Modules and Maintenance Bypass. Mitsubishi requires separate cabinets and is 70% larger.
Efficiency	Up to 98% ECO Mode 94% Online Mode	93% Online Mode	Xtreme Power M90 has higher efficiency with ECO Mode and On-Line Mode operation, reducing energy consumption and heat output. Mitsubishi does not offer ECO mode.
Display	LCD	LCD	Xtreme Power M90 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 M90 provides double the warranty period.