

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.



40kVA UPS COMPARISON

	XTREME POWER M90U-40KVA	Mitsubishi 1100A	ADVANTAGES
Capacity	40KVA/40KW	40KVA/36KW	Xtreme Power M90U provides 12% more useable power (KW) than the Mitsubishi
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/20kW Power Modules	10kVA/9kW Power Modules	Both the Xtreme Power M90U and the Mitsubishi have modular chassis construction making it easy to add modules for capacity or redundancy, increasing capability without increasing footprint. M90U is scalable to 60KVA/60KW, while Mitsubishi is limited to 50KVA/45kW
Integrated System	Integral Battery and Maintenance Bypass	Separate Battery and Maintenance Bypass	Xtreme Power M90U 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 M90U 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 M90U 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 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