

XTREME POWER CONVERSION **M90U** // EATON **93E** COMPARISON

The M90U is a scalable modular online double conversion UPS that efficiently protects critical data and equipment from power problems. M90U products are available in capacities from 20KVA to 60KVA with internal or external battery options.



20KVA UPS COMPARISON

	XTREME POWER M90U-20kVA	Eaton 93E-20KVA	ADVANTAGES
Capacity	20KVA/20KW	20KVA/16KW	Xtreme Power M90U has a higher output wattage rating providing 25% more useable power on the output.
Topology	Online double conversion	Online double conversion	Both the Xtreme Power M90U and the Eaton 93E offer online topology, providing the highest degree of power protection.
Modularity	20KVA to 60KVA in 20KVA increments	20 to 30KVA upgrade available	Xtreme Power M90U's modular construction enables paralleling modules for capacity or redundancy, increasing capability without increasing footprint. Eaton 93E must have a firmware upgrade or a 2nd UPS added to provide additional capacity/redundancy.
Efficiency	Up to 98% ECO Mode 94% Online Mode	Up to 98% ECO Mode Up to 92% Online Mode	Xtreme Power M90U has higher efficiency in Online Mode, reducing energy consumption and heat output
Internal Runtime	Up to 26 minutes @ 18KW	Up to 21 minutes @ 16KW	Xtreme Power M90U provides longer internal battery backup at a higher power rating.
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 Eaton 93E requires an optional external MBP for this purpose.
Temperature Range	0-40C	0-30C	XtremePower M90U has a wider operating temperature range. The Eaton 93E is limited to 30C on the upper end of the temperature scale.
Display	Large LCD	Small LCD	Both Xtreme power M90U and Eaton 93E offer an intuitive graphical interface display. The M90U screen is much larger (5.7") making it easier to read.
Warranty	2 years	1 year	Xtreme Power M90U offers a 2 year warranty, Eaton 93E has a 1 year warranty