

XTREME POWER CONVERSION M90 // APC Symmetra PX COMPARISON

The M90 is a scalable modular online double conversion UPS that efficiently protects critical data and equipment from power problems. M90 products are available in capacities from 20KVA to 60KVA with internal or external battery options.



20KVA UPS COMPARISON

	XTREME POWER M90-20kVA	APC SY20K40F	ADVANTAGES
Capacity	20KVA/18KW	20KVA/20KW	Extreme Power M90 has a .9pf for 18KW output. APC has a Unity PF, for 20KW output.
Topology	Online double conversion	Online double conversion	Both the Xtreme Power M90 and the APC Symmetra PX offer online topology, providing the highest degree of power protection.
Modularity	20KVA to 60KVA in 20KVA increments	10KVA to 40KVA N+1 in 10KVA increments	Both the Xtreme Power M90 and the Symmetra PX 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 Symmetra PX, is limited to 40KVA N+1.
Efficiency	"Up to 98% ECO Mode 94% Online Mode"	"95% Online Mode"	Both XPC and APC units have Energy Star rating. Xtreme Power M90 has higher efficiency with ECO Mode operation, reducing energy consumption and heat output. APC does not offer ECO mode.
Internal Runtime	Up to 27 minutes @ 18KW	Up to 13 minutes @ 20KW	Xtreme Power M90 provides much longer runtime with internal batteries.
Maintenance Bypass	Standard	Optional	Xtreme Power P90 has a standard internal Maintenance Bypass Switch, allowing for service of the UPS without disconnecting the loads. The APC Symmetra PX requires an optional external MBP for this purpose.
Display	LCD	LCD	" Xtreme Power M90 has an intuitive 5.7" LCD graphical interface display. APC Symmetra PX offers a much smaller LCD screen."
Warranty	2 yr	1 yr	Xtreme Power M90 comes with a 2 yr warranty. APC Symmetra comes with a 1 yr warranty, and StartUP is required to initiate the 1yr warranty..