

XTREME POWER CONVERSION **M90** // XTREME POWER CONVERSION **E90**

The M90 is a scalable modular online double conversion UPS available in capacities from 20 - 60KVA with internal OR external battery options. The E90 is a non-modular online double conversion UPS available in capacities from 10-20KVA with internal AND external battery options.



UPS COMPARISON

| | XTREME POWER M90 | XTREME POWER E90 | ADVANTAGES |
|--------------------------------|--|---|--|
| Capacity | 15, 20, 30, 40, 45 or 60KVA | 10, 15 or 20KVA | M90 has larger sizes. E90 is for smaller sizes. Overlaps at 15 and 20KVA. |
| Power Factor | .9 | 1.0 (Unity) | Xtreme Power E90 has a higher output wattage rating providing 12% more useable power on the output at the 15KVA and 20KVA sizes. |
| Modularity / ease of expansion | 20KVA to 60KVA in 20KVA increments OR 15KVA to 45KVA in 15KVA increments | Up to 4 parallel UPSs | M90's modular construction enables adding modules to increase capacity or add redundancy, without increasing foot-print. E90 expands capacity/ redundancy by adding a tie cab and up to 3 parallel UPSs. |
| Battery configuration | Internal or external batteries | Internal and external batteries | M90 has internal batteries only. M90L has external batteries only. E90 has internal batteries, and you can add external battery packs for longer runtimes. |
| Footprint | 20.3" w x 39.4"D x 54"H | 9.8"W x 39.2D x 34"H | E90 fits into narrower and shorter spaces. |
| Display | Large 5.7" display | Smaller color display | Both M90 and E90 offer an intuitive graphical inter-face display. The M90 screen is much larger (5.7") making it easier to read. |
| Ease of Maintenance | Modular power modules and battery modules | Swappable electronics module along with individual batteries. | M90 has hot swappable power modules and easy to replace battery trays. E90 has an easy to replace electronics module and individual batteries. |
| Cost | Low | Lowest | M90 is the lowest cost modular UPS on the market. E90 is non-modular and is 30% less than the M90. |