

Permanent Magnet Generator (PMG)

5 KVA TO 60 KVA:

The PM Generators are of a single Stator, single rotor permanent magnet design. The combination of novel winding techniques with innovative rotor and stator design gives the PMG series significant advantage over current commercially available technologies.

The PM series generators are designed specifically to be compact, lightweight whilst remaining very highly efficient around 95 %. All materials used in construction are conventional, so as to minimize manufacturing cost whilst still providing the specified performance.

Product Specification:

| | |
|------------------------|---------------|
| Model | 5 – 60KVA PMG |
| Phase | 3 Phase* |
| Frequency | 50Hz |
| Poles | 4 |
| Voltage | 415V |
| RPM | 1500 |
| Voltage Regulation** | +3.0 |
| THD | <2% |
| Transient | 6.0%** |
| Efficiency, rated load | >95 |

*Can supply single phase simultaneously,

** Steady state, balanced, resistive load conditions.MPC-30PMA Specification