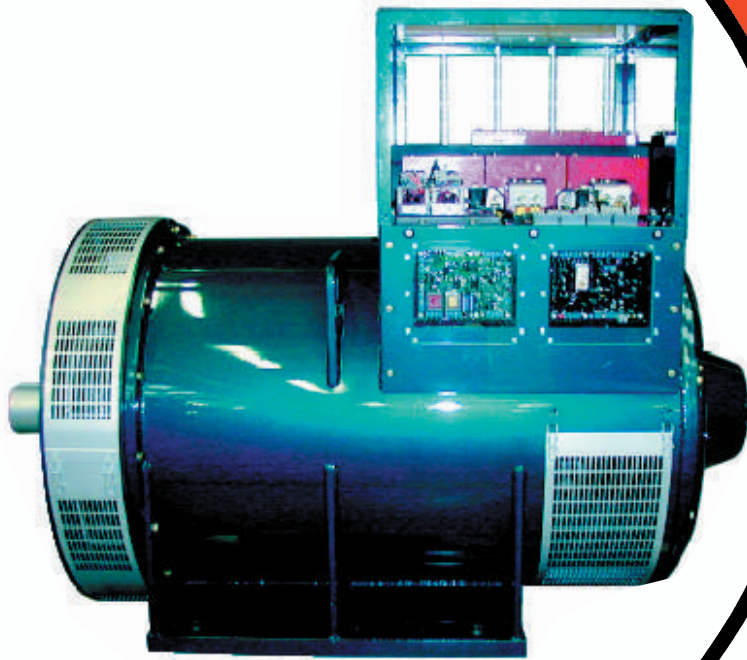


## product profile

# P7

**Voltages**  
380 - 690v

**Outputs**  
1260 to 2750kVA



### FEATURES:

- Permanent Magnet Generator (PMG) provides an isolated power supply to the excitation control system
- MX341 (PMG) as standard with 1.0% Regulation, 2 Phase Sensing
- 2/3 pitch windings avoid excessive neutral currents
- Single or two bearing construction with dynamically balanced rotor and sealed-for-life bearings (F&G core with re-greasable bearings only)
- Easy access for installation and maintenance

### OPTIONS:

- Winding and bearings RTDs
- Winding Protection Thermistors
- Anti-Condensation Heaters
- Air Filters
- Quadrature Droop kit for Parallel Operation
- Power Factor Controller
- Diode Failure Unit
- Excitation Loss Module
- Manual Voltage Regulator
- Re-greasable bearings
- MX321 AVR with 0.5% Regulation and 3 phase sensing

### EMBEDDED APPLICATIONS

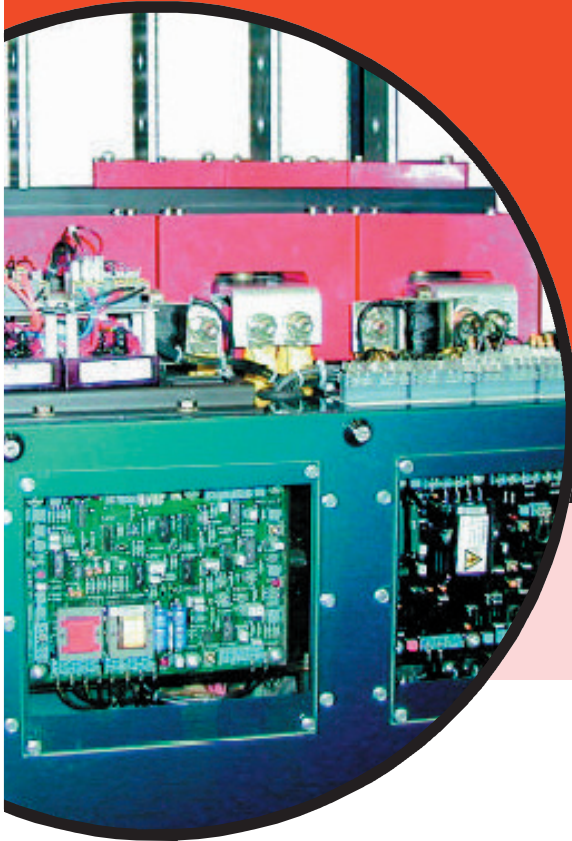
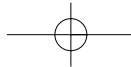
For embedded applications we recommend the PE Generator.

This variation of the P range generator is optimised for long term parallel operation.

### PE FEATURES:

- Enhanced windings rated at optimum efficiency
- MX321 AVR, 3 phase sensing, 0.5% regulation
- Quadrature Droop CT
- Power Factor Controller
- Re-greasable bearings as standard.

**STAMFORD**  
power generation



## product profile

# P7

### Typical Applications:

- Combined Heat & Power
- Parallel Operation
- Peak Shaving
- Base Load Prime
- Standby
- Rental
- Telecommunications

The P7 industrial generator for all of your general purpose applications. This generator is suitable for all generator applications from Stand-by power to combined heat and power. Built to the same robust construction as its predecessor this generator will become a firm favourite for all industrial generator applications.

### P7 INDUSTRIAL GENERATORS, 3 PHASE RATINGS AT 0.8PF - 4 POLE

Rating/Ambient		400v - 50Hz - 1500rpm			480v - 60Hz - 1800rpm		
		Base 40°C	Peak 40°C	Peak 27°C	Base 40°C	Peak 40°C	Peak 27°C
Ambient/Temp rise		Cont. 125°C	Standby 150°C	Standby 163°C	Cont. 125 oC	Standby 150°C	Standby 163°C
PI734A	kVA	1260	1315	1350	1525	1585	1630
	kW	1008	1052	1080	1220	1268	1304
PI734B	kVA	1400	1460	1500	1690	1760	1810
	kW	1120	1168	1200	1352	1408	1448
PI734C	kVA	1550	1615	1660	1890	1970	2025
	kW	1240	1292	1328	1512	1576	1620
PI734D	kVA	1650	1720	1770	2015	2100	2160
	kW	1320	1376	1416	1612	1680	1728
PI734E	kVA	1900	1980	2035	2300	2395	2465
	kW	1520	1584	1628	1840	1916	1972
PI734F	kVA	2080	2170	2230	2600	2705	2785
	kW	1664	1736	1784	2080	2164	2228
PI734G	kVA	2200	2295	2360	2750	2860	2945
	kW	1760	1836	1888	2200	2288	2356

### P7 INDUSTRIAL GENERATORS, 3 PHASE RATINGS AT 0.8PF - 6 POLE

Rating/Ambient		400v - 50Hz - 1000rpm			480v - 60Hz - 1200rpm		
		Base 40°C	Peak 40°C	Peak 27°C	Base 40°C	Peak 40°C	Peak 27°C
Ambient/Temp rise		Cont. 125°C	Standby 150°C	Standby 163°C	Cont. 125 oC	Standby 150°C	Standby 163°C
PI736B	kVA	700	730	750	875	910	940
	kW	560	584	600	700	728	752
PI736D	kVA	920	960	985	1150	1200	1230
	kW	736	768	788	920	960	984
PI736F	kVA	1300	1355	1390	1625	1690	1740
	kW	1040	1084	1112	1300	1352	1392

Due to our policy of continuous improvement, details in this leaflet which were correct at time of printing may now be due for amendment. Information included therefore not be regarded as binding

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