

## DGPXT5 SERIES

*On line double conversion  
Transformerless – 3/3*

### FEATURES:

- Calendar and time indicator, operating hour meter
- Advanced automatic and manual battery test system
- Temperature compensated battery charging
- Dial up modem direct connection and AT command set built in.
- High input power factor
- Low input current THD
- High efficiency up to 92%
- Cold start
- Static and maintenance by-pass
- Overload and short circuit protection
- Emergency stop utility, built in
- 128 recorded event history
- Compatible with international standards
- RS232 and dry contacts for communication and remote monitoring
- Input/Output customization, possible



# SYSCONV

[www.sysconv.it](http://www.sysconv.it)

MODEL	DGPXT5-10	DGPXT5-15	DGPXT5-20	DGPXT5-30	DGPXT5-40	DGPXT5-60	DGPXT5-80	DGPXT5-100	DGPXT5-120	DGPXT5-160
Power ( kva ) cos phi: 0,8	10	15	20	30	40	60	80	100	120	160
<b>INPUT</b>										
Input Voltage	380V/400V/415V 3Ph+N+PE ± 20%									
Nominal Frequency ( Hz )	50 or 60									
Frequency range for online operation	±10%									
Input Current THD	=4%									
Input Power Factor	0,99									
<b>OUTPUT</b>										
Output Voltage	380V/400V/415V 3Ph+N+PE									
Static Volt Reg at %100										
Linear Load ( online&battery mode )	<1%									
Voltage THD at rated linear load	<3%									
Crest factor	3:1									
Free Running Frequency (Hz)	50 or 60 ± 0.01%									
Overload	125% for 10 minutes ; 150% for 1 minute									
Efficiency	>92%									
<b>STATIC BYPASS LINE</b>										
Voltage Range for bypass operation	220V / 230V (Ph-N) ± 10%									
Freq. Range for bypass operation (Hz)	47-53 ( Configurable )									
<b>BATTERY</b>										
Type	Maintenance Free									
Battery Quantity ( pcs )	62 ( 2*31 )									
Battery Protection	Deep Discharge Protection with Auto Cut off									
Battery Test	Standard									
<b>COMMUNICATION</b>										
Interface	RS232 & RS422 Communication Ports									
Dry Contact Signals	AC failure, Battery under voltage, bypass operation, output failure									
Others	EPO, Generator interface									
<b>ENVIRONMENTAL CONDITIONS</b>										
Storage Temperature Range (°C )	-25 to +55 ( 15 to 40 recommended for longer battery life time )									
Operating Temperature Range (°C )	0 to 40 ( 20 to 25 recommended for longer battery life time )									
Relative Humidity Range	0-95% ( non-condensing )									
Maximum Altitude without derating (m)	1000									
Protection Level	IP20									
Standards	EN 50091-1-1 , EN 50091-2, EN50091-3, EN55022, EN 62040-1-1, EN 62040-2, EN 62040-3 (VFI-SS-111)									
Dimensions wxdxh (cm)	40 x 78 x 107									
Weight (kg)	102		110		240	242	265	320	350	425
Product Certification	CE									