



## Frequency Converter

3 Phase In - 3 Phase Out / 10 - 120kVA

- Double conversion and PWM technology with pure sinewave output,
- Microprocessor controller,
- Galvanic Isolation,
- Efficiency up to 91%,
- Emergency close switch connection,
- User friendly front panel (5 buttons and LCD indicator), detailed information
- availability to do the adjustment of parameters through front panel,
- History log of 128 events, calendar and time indicators,
- High performance at non-linear loads,
- Remote monitoring via network,
- SNMP compatibility,
- 10 Years spare parts supply warranty,
- Low installation and operating cost



### TECHNICAL SPECIFICATIONS

MODEL	FC 3310	FC 3315	FC 3320	FC 3330	FC 3340	FC 3360	FC 3380	FC 33100	FC 33120
Output Power kVA	10	15	20	30	40	60	80	100	120
Output Power Kw	8	12	16	24	32	48	64	80	96
Power factor	0.8								
<b>INPUT</b>									
Voltage	400 VAC or 380VAC 3phase , 4Wire + G								
Tolerance	±10%								
Frequency	50 / 60Hz								
Tolerance	±5%								
Power factor	0,8								
max RFI	EN 50091-2 Class A								
<b>OUTPUT</b>									
Voltage	208VAC, 3Phase, 4Wire+G								
Voltage Stability	static (balanced load) : +/-2%								
	static (unbalanced load) : +/-4%								
	Dynamic (0% - 100%step load) : +/-6%								
Uptum Time	after 0%-100% step load: max 25m sec								
Crest factor	3:1								
Frequency	400 Hz								
Frequency Tolerance	±0.2%								
Overload 101% - 110% load	1h								
Overload 130% load	10min.								
Overload 150% load	1min.								
Overall Efficiency	up to 91%								
Total Harmonic Distortion	<3% at linear load								
	<5% at non-linear load								
<b>COMMUNICATION</b>									
Interface	RS232 and Dry Contact,								
<b>PHYSICAL</b>									
Weight without battery (kg)	240	255	270	285	490	570	600	750	810
Dimensions (mm) WxDxH	490x650x1190			565x820x1400			720x800x1450		1192x874x1720
<b>ENVIRONMENT</b>									
Audible Noise	<55dBA				<60dBA			63 to 66dBA	
Operating Temperature	0-40°C								
Relative Humidity (non condensing)	0-95%								
Max. Altitude	<1000m								
Standards	EN 50091-1 (safety), EN 50091-2 (EMC), IEC 62040-3 (class VFI), IP20								