

Technical Data CF series

MODEL	CF-5	CF-7	CF-10	CF-15	CF-20	CF-30	CF-40	CF-50	CF-60	CF-80
Power - kVA	5	7.5	10	15	20	30	40	50	60	80
<i>Input</i>										
Phases	3-Ph + N									
Voltage	380 / 400 / 415 V ± 20% (200 / 208 / 220 / 440 / 480 V on request)									
Frequency	50 / 60 Hz ± 5%									
<i>Output</i>										
Wave-form	SINE WAVE									
Harmonic distortion	< 2%									
Crest factor (non-linear load 75%)	3 : 1									
Phases	3-Ph + N									
Voltage	380 / 400 / 415 V ± 1% (200 / 208 / 220 / 440 / 480 V on request)									
Frequency	50 / 60 / 75 / 200 / 400 Hz ± 0.1%									
Overload	125% for 10 min, 150% for 1 min, 200% for 0.1 sec.									
Efficiency (AC-AC)	> 92%									
<i>Protections</i>	Overload, overtemperature, min/max input voltage, min/max inverter voltage									
Short-circuit	With electronic protection									
EMI Suppression	EMI/RFI Filter									
<i>Signals</i>										
LED	Mains, rectifier, inverter, output									
Display	Standard									
Acoustic	Overload, overtemperature, fault									
Computer interface	RS232 - RS485 - SNMP - CAN (optional)									
<i>Environmental</i>										
Temperature	0°C ÷ 50°C									
Non-condensing humidity	0% ÷ 95%									
Noise (at 1 m)	< 60 dBA									
Protection rating	IP20									
<i>Dimensions</i>										
W x D x H - mm	800 x 500 x 1100		800 x 600 x 1300			800 x 800 x 1300				800 x 800 x 1500
<i>Weight - kg</i>	150	160	170	200	250	270	290	310	580	650

UPS Classification according EN 62040-3	Class VFI
CE Marking	2014/30/EU; 2014/35/EU
Compliance with the standards	UPS: EN 60146-1-1, EN 62040-1-1, EN 62040-1-2, EN 62040-2, EN 62040-3, EN 60742; EMC: 2014/30/EU; Low voltage: 2014/35/EU

MODEL	CF-100	CF-120	CF-150	CF-200	CF-250	CF-300	CF-400	CF-500	CF-600	CF-800
Power - kVA	100	120	150	200	250	300	400	500	600	800
Input										
Phases	3-Ph + N									
Voltage	380 / 400 / 415 V \pm 20% (200 / 208 / 220 / 440 / 480 V on request)									
Frequency	50 / 60 Hz \pm 5%									
Output										
Wave-form	SINE WAVE									
Harmonic distortion	< 2%									
Crest factor (non-linear load 75%)	3 : 1									
Phases	3-Ph + N									
Voltage	380 / 400 / 415 V \pm 1% (200 / 208 / 220 / 440 / 480 V on request)									
Frequency	50 / 60 / 75 / 200 / 400 Hz \pm 0.1%									
Overload	125% for 10 min, 150% for 1 min, 200% for 0.1 sec.									
Efficiency (AC-AC)	> 92%									
Protections	Overload, overtemperature, min/max input voltage, min/max inverter voltage									
Short-circuit	With electronic protection									
EMI Suppression	EMI/RFI Filter									
Signals										
LED	Mains, rectifier, inverter, output									
Display	Standard									
Acoustic	Overload, overtemperature, fault									
Computer interface	RS232 - RS485 - SNMP - CAN (optional)									
Environmental										
Temperature	0°C \div 50°C									
Non-condensing humidity	0% \div 95%									
Noise (at 1 m)	< 60 dBA									

Protection rating	IP20									
Dimensions										
W x D x H - mm	1200 x 1100 x 1900			1400 x 1100 x 1900	1700 x 1300 x 1900		2180 x 1500 x 2160		3400 x 1300 x 1900	4360 x 1500 x 2160
Weight - kg	900	1000	1100	1700	2000	2400	2700	3200	4800	5400
UPS Classification according EN 62040-3	Class VFI									
CE Marking	2014/30/EU; 2014/35/EU									
Compliance with the standards	UPS: EN 60146-1-1, EN 62040-1-1, EN 62040-1-2, EN 62040-2, EN 62040-3, EN 60742; EMC: 2014/30/EU; Low voltage: 2014/35/EU									



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