

## *Technical Data CF series*

<b>MODEL</b>	<b>CF-1/1</b>	<b>CF-3/1</b>	<b>CF-5/1</b>	<b>CF-7/1</b>	<b>CF-10/1</b>	<b>CF-15/1</b>	<b>CF-20/1</b>	<b>CF-30/1</b>	
Power - kVA	1.5	3	5	7.5	10	15	20	30	
<b>Input</b>									
Phases	1-Ph / 3-Ph + N								
Voltage	220 / 230 / 240 V // 380 / 400 / 415 V $\pm$ 20% (100 / 110 / 115 / 120 / 127 V // 200 / 208 / 220 / 440 / 480 V on request)								
Frequency	50 / 60 Hz $\pm$ 5%								
<b>Output</b>									
Wave-form	SINE WAVE								
Harmonic distortion	$<$ 2%								
Crest factor (non-linear load 75%)	3 : 1								
Phases	1-Ph								
Voltage	220 / 230 / 240 V $\pm$ 1% (100 / 110 / 115 / 120 / 127 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%								
<b>Protections</b>	Overload, overtemperature, min/max input voltage, min/max inverter voltage								
Short-circuit	With electronic protection								
EMI Suppression	EMI/RFI Filter								
<b>Signals</b>									
LED	Mains, Output, DC Link, Overload, Fault								
Display	Standard								
Acoustic	Overload, overtemperature, fault								
Computer interface	RS232 - RS485 - SNMP - CAN (optional)								
<b>Environmental</b>									
Temperature	0°C $\div$ 50°C								
Non-condensing humidity	0% $\div$ 95%								
Noise (at 1 m)	$<$ 60 dBA								
Protection rating	IP20								
<b>Dimensions</b>									
W x D x H - mm	270 x 630 x 730		800 x 400 x 1050		800 x 400 x 1250			800 x 600 x 1300	
<b>Weight - kg</b>	45	60	110	130	150	200	250	320	

<b>UPS Classification according EN 62040-3</b>	Class VFI
<b>CE Marking</b>	2014/30/EU; 2014/35/EU
<b>Compliance with the standards</b>	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



Factory - Head Office

S.P. km 5,3 C/da San Cusumano - 91100 Trapani - Italy

Tel. +39 0923 562794 - Fax +39 0923 567880

Http://www.layer.it - E-mail: layer@layer.it

