

## *Technical Data CE series*

<b>MODEL</b>	<b>CE-2</b>	<b>CE-3</b>	<b>CE-3/1</b>	<b>CE-4</b>	<b>CE-5</b>	<b>CE-6</b>	<b>CE-7</b>	<b>CE-8</b>	<b>CE-9</b>
Power - kVA	0.6	1	1.5	2	3	4	5	7.5	10
<b>Input</b>									
Phases	Monophase								
Voltage	230 V ± 20%								
Frequency	50 Hz ± 5%								
<b>Output</b>									
Wave-form	SINE WAVE								
Harmonic distortion	< 2%								
Crest factor (non-linear load 75%)	2 : 1								
Voltage	230 V ± 1%								
Frequency	50 Hz ± 0.2%								
Overload	125% for 10 min, 150% for 1 min, 200% per 0.1 sec.								
Efficiency (AC-AC)	> 92%								
Static switch mains-ups	Intervention time 0.15 sec.								
<b>Batteries</b>									
Type	Sealed lead-acid								
No. Batteries	2 (12 V 44 Ah)	2 (12 V 60 Ah)	3 (12 V 44 Ah)	10 (12 V 18 Ah)	13 (12 V 18 Ah)	13 (12 V 28 Ah)	18 (12 V 28 Ah)	22 (12 V 28 Ah)	22 (12 V 44 Ah)
Vdc voltage	24		36	120	156		216	264	
Restored energy time	4 hours for 90% charge level								
Stored energy time - h	1								
<b>Protections</b>	Overload, overtemperature, min/max battery voltage, min/max input voltage, min/max inverter voltage, synchronism								
Short-circuit	With electronic protection								
EMI Suppression	EMI/RFI Filter								
<b>Signals</b>									
LED	Mains, Output, Battery, Overload, Fault							On, Stand-by, Fault	
Display	Optional							Standard	
Acoustic	Battery mode, low battery, overload, overtemperature, fault								
Computer interface	RS232 - RS485 - SNMP - CAN (optional)								
<b>Environmental</b>									
Temperature	0°C ÷ 50°C								
Non-condensing humidity	0% ÷ 90%								
Noise (at 1 m)	< 60 dBA								

<b>Dimensions</b>									
W x D x H - mm	250 x 560 x 560		250 x 660 x 560	450 x 620 x 730		310 x 840 x 670	800 x 400 x 1050	800 x 400 x 1450	
<b>Weight - kg</b>	60	70	80	120	140	180	220	300	350
<b>UPS Classification according EN 62040-3</b>	Class VI								
<b>CE Marking</b>	EEC 73/23; EEC 89/336; EEC 92/31								
<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: 89/336, 92/31; Low voltage: 73/23, 93/68								



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