

**MASTERGUARD
UPS**

Series C

10–20 kVA

Series
C

Modern electronics combined with a time-proven design. These UPS units represent an ideal mix of the latest technology and 35 years of experience – the 6th generation of Siemens three-phase UPS units. They feature a unique battery management system and many different communications and parameter assignment possibilities. Up-to-date electronic components and our design know-how ensure outstanding operation and excellent cost efficiency.



Highly efficient, wide voltage range, fast battery charging. With an efficiency of up to 92%, the Series C is right at the top of its class, attaining optimum values under all load conditions – part load, non-linear load and throughout the extended input voltage range. And the integrated battery chargers make short charging times readily attainable even for batteries with stored energy times of several hours.

The Series C is the specialist for small and medium-sized computer rooms and servers as well as for industrial, telecommunications and I&C applications.

Engineered for extreme reliability and low wear on the battery, the Series C online UPS units assure effective all-round protection from power supply disturbances of all kinds. Even without batteries, they can be used for power quality optimization.

MASTERGUARD Series C		C6210	C6215	C6220
Principle of operation		Online double-conversion system		
Rated power		10 kVA	15 kVA	20 kVA
Input				
Voltage		3 AC/N, 380, 400, 415 V +15 %/-30 % +15 %/-30 % +15 %/-15 % (-30 % if power reduced)		
Frequency		50/60 Hz ± 5 %		
Battery				
Rated number of battery cells		192		
Number of cells variable between		108 to 192	126 to 192	168 to 192
Battery charging power		1,6 kW 2 additional chargers can be optionally integrated		
Output				
Voltage/frequency		3 AC/N, 400 V, 50/60 Hz sinusoidal		
Rated active power		8 kW	12 kW	16 kW
Overload capability		125 % for 5 min 150 % for 30 sec		
Short-circuit current, 3-phase		3 × I _N for 10 ms 2,5 x I _N for 200 ms		
Crest factor		3		
Safety				
Degree of protection to EN 60 529		IP 21 (optional: IP 31)		
Interference immunity (elect.)		IEC 801-2, -3, -4, -6		
Interference emission		EN 50 091-2 Table 2 and 4 EN 55 022 Class B optional		
Permissible ambient temperature				
during operation		0 °C to +40 °C		
during storage		-40 °C to +70 °C		
Noise level		50 dB (A)		
Efficiency (at 100 % load)		91%	92 %	92 %
Interfaces				
Combined interface		RS232 and contacts/Sub-D, 25-pin/female, auxiliary voltage 12 V DC 50 mA floating		
Contact interface		Floating contacts/Sub-D, 9-pin/femals, auxiliary voltage 12 V DC 50 mA floating		
PC interface or		RS485 (serial)/Sub-D, 9-pin/female		
Service interface		RS232 (serial)/Sub-D, 9-pin/female		
Dimensions				
Width x Depth x Height (mm)		570 x 650 x 1425		
Weight		142 kg		

Order No. A19101-P861-A25-X-7600 Dispostelle 28.000 208400/36064 03012. Printed in Germany · Änderungen vorbehalten.