



C4 SERIES

3 Phase Input
3 Phase Output
Online Ups

10 KVA - 120 KVA

GENERAL FEATURES / GENEL ÖZELLİKLER

High performance on-line power maintenance

C4 Series uninterruptible power sources are the highly reliable devices with its 3 phase input and 3 phase output, IGBT rectifier, using IGBT and IPM (Intelligent Power Module) technologies by input and output, having high power input factor, low power input harmonic distortion. These devices having optionally wireless remote tracing panel and available to launch a graphic screen on are the top examples of uninterruptible power source technology

Yüksek verimli on-line güç koruması

C4 Serisi kesintisiz güç kaynakları, 3 faz giriş 3 faz çıkışlı, IGBT doğrultuculu, giriş ve çıkışta IGBT ve IPM (Intelligent Power Module) teknolojisi kullanan, yüksek giriş güç faktörü ve düşük giriş akım harmonik bozululumuna (THDI) sahip yüksek güvenilirlikli cihazlardır. Opsiyonel olarak kablosuz uzaktan izleme paneli ve grafik ekran da bağlanabilen bu cihazlar kesintisiz güç kaynağı teknolojisinde ulaşılan son noktadır.

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3 Phase Input 3 Phase Output Online Ups

10 KVA - 120 KVA

Model	C410	C415	C420	C430	C440	C460	C480	C4100	C4120
Capacity (KVA)	10	15	20	30	40	60	80	100	120
Input Voltage	380 / 400 / 415 VAC								
Input Frequency	50 / 60 Hz								
Input Connection	3Ph+N+PE								
Input Voltage Window	-25 % ~ + 20 at full load, -40 % ~ + 20 % at 70%~100% load level								
Input Frequency Window	40 Hz ~ 70 Hz								
Input Power Factor	> 0.99								
Input THDi	3 %								
Bypass Voltage	380 / 400 / 415 VAC								
Bypass Voltage Window	-20 % ~ + 15 % at full load								
Bypass Frequency Window									
Battery Configuration	12V, 40pcs (36~44pcs acceptable)								
Charger Power	20% Power								
Charger Voltage Precision	1 %								
Output Voltage	380 / 400 / 415 VAC								
Voltage Precision	1 % For balanced load, 1,5 % For unbalanced load								
Output Voltage Transient	5 % (0~100% load step)								
Output Voltage THDU	<1 % (Linear Load)								
Power Factor	0.9								
Frequency Tracking Range	50/60Hz ± 3Hz, adjustable								
Frequency Precision (Free Running)	±0,02%								
Phase Tolerance	120° ± 0,5° (balanced and unbalanced load)								
Frequency Tracking Speed	0,5Hz/s to 5Hz/s, adjustable								
Crest Factor	3:1								
Inverter Overload Capability	102% long time operation								
	110%, transfer to bypass after 1 hour								
	125%, transfer to bypass after 10 minutes								
	150%, transfer to bypass after 1 minute								
	>150%, transfer to bypass after 200ms								
Bypass Overload Capability	125% long time operation								
	125%<load<130%, last for more than 1 hour								
	130%<load<150%, last for more than 6 minutes								
	>1000%, last for more than 100ms								
Battery Mode Efficiency	95%								
Display	LCD+LED, Keyboard				LCD+LED, Touch Screen and Keyboard				
EMI	IEC62040-2								
EMS	IEC61000-4-2(ESD), IEC61000-4-3(RS), IEC61000-4-4(EFT) IEC61000-4-5(Surge)								
Protection Class	IP20								
Interface (Communication Ports)	RS232, RS485, Dry contacts, SNMP card, EPO, Generator interface								
Installation Connection	Top or bottom cable connection								
Operation Temperature	0 ~ 40 °C								
UPS Storage Temperature	-25 ~ 70 °C								
Recommended Battery Storage Temperature	-20 ~ 30 °C								
Relative Humidity	0 ~ 90%(non-condensing)								
Noise	< 55dBA								
Net Weight (Kg)	68	68	68	80	182	204	226	270	292
Dimension (WxHxD) mm	540x1100x690			600x1400x900			600x1700x900		

* Celta reserves right to amend the data herein without notification