CDP ®

CHICAGO DIGITAL POWER

UPO22-RT

online UPS
High performance double conversion
20 kVA

For critical loads and
corporate applications
Capacity parallel redundant connection N + 1

UPO22-20RT

The new, more versatile online UPS
for data centers of CDP

Two-phase UPS for assembly in Rack

UPS double conversion online designed to operate in the harshest power conditions in the world. This UPS is ideal for the protection of large data centers , electricity supply, industrial applications and data centers mini branches.
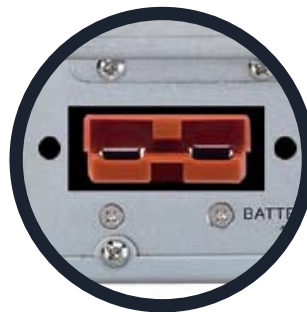
The series is available in three parts with flexibility options. Integrated card and network monitoring software assist in the orderly shutdown of the operating system.

The dynamic bypass Emergency Power Off (EPO) provides a truly flexible solution for IT professionals .

It includes free VIEWPOWER monitoring software that allows monitor and commands such as switching on and off of the UPS -protected equipment is also SNMP compatible card.

Parallel connection

External battery
bank input

LCD Display

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— Power module

— ISO module

— Modules Batteries

Compatible with power distribution
unit (PDU) (sold separately)

Maintenance Bypass Switch
(sold separately)

Optional cards: (sold separately)

SNMP

EMD (Environmental Monitoring Device)
in order to operate it is necessary to
SNMP installed

Optional accessories

· **Different modules** from power that can put in parallel with the same capacity of modules of up to 3 times more a module for redundancy N + 1. For example, 3 modules of power of 20kVA in parallel provide 60 kVA, and a module 20kVA additional provides the redundancy N + 1.

· **Transformers of isolation in modules** provide isolation of electric of the commercial network and offer an area for facilities with problems of earthing. The transformer of isolation also changes the power of exit of the modules to supply of 220 to 120/208 for those loads that need a different voltage. Like example, you can have the only module of power 20 KVA and his needs are only 120 volts or 208 with total flexibility and customization in a rack of 19 inches.

· **Universal battery box** with a necessary 3U 19-inch space that can be used in all the UPO22 series. Having multiple universal battery modules as backup, customized energy needs are met.

· **Auxiliary battery charger c**an be added to the box for quick-charging battery universal battery banks.

· **Parallel kit** provides the ability to grow as needed with power modules of the same capacity and create redundancy N + 1 .

· **Communication cards** contact for remote monitoring .

Battery breaker   Input Breaker   Exit control port

RS232   USB   EPO

External communications/emergency shutdown ports

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For critical tasks and corporate applications

UPO22-20RT

Model		UPO22-20RT
Capacity		20000VA /16000W
Input		220 VAC nominal voltage
Voltage range		110 a 300 VAC +/-3 (L-L)
Frequency range		50/60 Hz +/- 7%
Power factor		>/= 0,99 (full load)
Output		
Output voltage		104/110/115/120/ VAC 208/220/230/240VAC
AC voltage regulation		+/-1%
Frequency range	Battery mode	50 Hz +/-0.1 Hz 60 Hz +/-0.1 Hz
Crest factor		3:1 max
Overload	Battery mode AC mode	100% - 110% 10 min /110% -130%: 1 min / >130%: 1 seg
Harmonic distortion		</= 2% THD (linear load)
Transfer time		0 ms
Wave mode		Pure sinewave
Efficiency		
Mode AC		85%
Battery		
Type/Quantity		12V/9Ah 2 x 20
Recharge time		4 to 5 hours to 90%
Charge current		2,0 Ah +/- 10%
Load Voltage		273V +/- 1%
Standby time		5 minutes at full load - 15 minutes at half load
Physical		
Dimensions	(WxHxD)	460x266x668 (UPS) (6U) - 460x130x580 (battery bank, 2x) (6U) - 460x438x668 (ISO Module) (6U)
Net weight (Kg)		45 (UPS) - 63 (battery bank, 2x) - 110 (ISO Module)
Environment		
Humidity		<95% RH @ 0-40°C (non condensation)
Noise level		Less than 60dBA @ 1 meter
Control		
Smart RS232 or USB		Supports Windows 98/ 2000/ 2003/ XP/ Vista/ 2008/ 7/ Linux, Unix and Mac
Optional SNMP		Control and command for SNMP and web browser (through internal SNMP or SNMPDB9)
EMC/Security		RETIE, CE, ISO9001, ISO14001, NOM

Specifications are subject to change without notice

Committed to safety and quality in our equipment

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