

Online UPS 3Phase Out

CP Series

5KVA ~ 20KVA ~ 30KVA

Application:

PC, Workstation, Printer, Servers

**ISOLATION
TRANSFORMER**
advantage of
NOISE REJECTION



Adoption of IGBT Inverter & rectifier, saves energy & coupled with an isolation transformer, enhances the reliability and load adaptability. This unique construction for input and output isolation provides the advantage of noise rejection as well as clean and safe neutral line to the load.

Features:

- True Online Double Conversion Design
- Output Isolation Transformer
- Wide Input Voltage Range
- User Friendly Digital LCD Display
- Cold Start Function
- High Crest Factor Circuit Design
- Advance Battery Management
- Improved Input Power Factor
- Inbuilt High-Rated Charger enable Battery Backup up to 2-10 Hrs.
- IGBT based charger for smart battery management & improve input powerfactor

Rear Panel

1. RS232 / SNMP (Optional)
2. Fan
3. Input Breaker
4. Battery Breaker
5. Maintenance Bypass Breaker
6. Input Terminal
7. Output Terminal
8. Battery Terminal



Front LCD Display



- Wide Input Frequency Range ensure all types of fuel generators compatible.
- Optimization of high performance battery.
- Advanced floating switching and charging technology maximises the activation of the battery, thus saves the charging time and extends the battery life.
- Battery cold start function.
- The UPS can be started directly by battery group when no utility power.
- Comprehensive and reliable protection
- self-diagnosis function before start-up, avoids the risks that the failure may lead.
- The multi-protections such as overload, short circuit, over temperature, battery under voltage, battery over voltage ensure the system stability and reliability.
- Solar compatibility (Optional)
- Static bypass (Optional)

▶ Technical Specifications of CP Series 5~30KVA

MODEL	CP3305L16	CP3310L20	CP3315L20	CP3320L20	CP3320L30	CP3330L30
Capacity (KVA)	05	10	15	20		30
INPUT						
Voltage Range	320V ~ 480V AC, Three Phase (4 Wire)					
Frequency Range (Hz)	50 / 60 Hz ±10%					
Power Factor	>0.95					
OUTPUT						
Power Factor	0.8 (Standard) 0.9 (Optional)					
Voltage (V)	400V AC					
Frequency (Hz)	50Hz ± 0.1%					
Waveform	Pure Sine Wave					
Efficiency	94%					
THDv	< 3%					
Overload	≤125% for 10 min, >125% for 60 Sec, >150% for 1 sec					
Isolation Transformer	Inbuilt Isolation Transformer					
BATTERY						
Battery Voltage	192V DC	240V DC			360V DC	
Charging Current (Max)	1A ~ 10A Standard (High Rating Optional)					
Charging Time	< 8 Hrs. to 95%					
SYSTEM FEATURES						
Display	LCD	Input and Output Voltage, Input and Output Frequency, Load & Battery %				
	LED	Mains, AC Mode, DC Mode, Low Battery, Overload				
Alarm	Battery Low Voltage, Abnormal Power Supply, UPS Failure, Overload					
Protection	Short Circuit, Input Under/Over Voltage, Over Temperature, Over Current, Over Load, DC BUS Under / Over Voltage and Battery low					
ENVIRONMENTAL						
Temperature	Operating: 0~45°C, Storage: -10°C ~ 55°C					
Humidity / Altitude	0~95% RH Non-condensing / <1500 M					
Noise	Low Audible Noise Level					
STANDARDS						
Quality	ISO 9000, ISO 14001, OHSAS 18001, ISO 27001, RoHS					
Safety	IEC/EN62040-1					
EMC / Protection	IEC/EN62040-2; IEC/EN62040-3, Complying to CE					
PHYSICAL						
Dimension WxDxH (mm)	280x615x685					
Weight (Kg)	160	170	180	185	225	235
COMMUNICATION INTERFACE						
Optional	SNMP / ModBus / Dry Contact / USB / RS-485 / RS-232					
Monitoring Software	NetAgent Utility v5.8 / View Power / UPSilon 2000 / Muser 4000					

*Specifications are subject to change without prior notice.

