



## Cube Series (300-400-500KVA)

La serie de UPS Cube es una solución On Line Doble conversión de alta potencia. Pensada para trabajar en soluciones de servidores, Bancos, equipos industriales, Cento de Datos, Telecomunicaciones, equipos informáticos y otras aplicaciones de mision Crítica.

### Características principales

- ✓ Rango de Potencia 300Kva/400/Kva/500Kva
- ✓ Alta Fiabilidad
- ✓ Eficiencia Energetica
- ✓ Redundancia Paralela
- ✓ Entrada Trifasica, Salida Trifasica
- ✓ Factor de Potencia 0,9

# Cube Series (300-400-500KVA) Technical Specifications

## Technical Specifications:

Model	CUBE		
Capacity(KVA)	300	400	500
<b>Egeneral Purpos</b>			
Overall efficiency(%)	Highest 95.3%		
parallel operation	4		
Transfer time(ms)	0		
<b>INPUT</b>			
Rated input voltage(Vac)	Three phase four wire 380/220, 400/230, 415/240		
Operating voltage range(Vac)	176~276(phase), 305~477 ( phase )		
Operating frequency range(Hz)	40~70		
Power factor	≥0.99		
Current harmonic distortion(THDi)	<3%(100%Nonlinear load), <5%(50%Nonlinear load)		
Backfeed protection	Support		
Generator Access	Support		
Power/Walk In	Support		
<b>BYPASS</b>			
Rated input voltage(Vac)	Three phase four wire380/220, 400/230, 415/240		
Operating voltage range(Vac)	lower limit:-40%, Upper limit:+20%(Backgroud can be set)		
Synchronous tracking range(Hz)	Highest3Hz(Background can be set)		
Bypass operation range(Hz)	Highest ± 20%(Background can be set)		
Backfeed protection	Support		
Generator Access	Support		
<b>OUTPUT</b>			
voltage(Vac)	Three phase four wire 380/220, 400/230, 415/240		
Frequency(Hz)	50/60Hz		
Power factor	0.9		
Voltage harmonic distortion(THDu)	<2% ( 100%Linear load ) , <3%(100%Nonlinear load)		
Voltage regulation	<1%		
Overload	load≤110%, 60min, ≤125%, 10min, ≤150% 1min,>150% 200ms		
<b>Battery</b>			
Battery voltage(Vdc)	± 192; ± 204; ± 216; ± 228; ± 240 ( 32/34/36/38/40section )		
Charger maximum power(KW)	60		
Charger Maximum charge current(A)	100		
<b>Environment</b>			
Operating temperature(℃ )	0~40		
Storage temperature(℃)	-20 - 70 ( no battery )		
Humidity range	0 - 95% ( No condensation )		
Altitude	<1500m, Exceed 1500m derating use per GB/T 3859.2regulations		
Noise level(dB)(1 meters )	<70		
IP protection level	IP20		
<b>Other functions</b>			
Alarm function	Overload, Over temperature, main road anti-irigation, bypass anti-irigation,mains power abnormal, UPS failure,battery low-voltage and other alarm functions		
Protective function	Short circuit, overload, main road anti-irigation, bypass anti-irigation, over-temperature, battery voltage, output over voltage, fan failure alarm, lightning protection, etc.		
Communication function	CAN, RS232, Modbus-RTU ( match ) , SNMPcard ( match ) , dry contact card ( match )		
Emergency power off	YES ( local and Long-range )		
<b>Mechanical properties</b>			
Dimension(W×D×H)mm	1300 × 850 × 2000		
Net weight(kg)	1200		
Operative norm	YD/T 1095-2008		