

DTC33 Series Tower Online UPS

COMCAST GROUP



Description

DTC33 Tower Online UPS is designed for the international 208V market. It has a high output power factor, high system efficiency and small footprint, as well as being easy to install. With the compact and fast structure installed battery pack, it is perfectly an ideal choice for small and medium data centers.

Features

- High efficiency, up to 94%
- Battery cold start
- More capacity, up to 40kva
- Output power factor =1
- Input current THDi < 4%
- Friendly operation interface, high-resolution LCD screen
- Battery management with smart charging control
- Four circuit breakers, easier to operation, less human fault

Application

- IDC (International Data Center), ISP, Service Room, Data Center, Critical Device

Specification

Model	DTC33015S		DTC33020S		DTC33030S		DTC33040S	
System Capacity	15kVA		20kVA		30kVA		40kVA	
Input	Phase	3 phases + Neutral + Ground, 208V/220V (line-line)						
	Nominal Input Voltage	208/220VAC						
	Input voltage Range	177~239Vac (line-line), full load; 187~253 (line-line), full load 125~177/132~187Vac (line-line), load decrease linearly from 100% to 40% according to the min phase voltage						
	Input Frequency Range	40Hz ~ 70Hz						
	Input PF	0.98 > 25% load, 0.99> 50% load						
	Input THDi	<4% (100% liner load)						
Bypass	Rate Voltage	208/220Vac (line-line)						
	Ratel Frequency	50/60Hz						
	Bypass Voltage Range	-10~40%; +10~25% (settable)						
	Frequency Range	+/-1Hz, +/-3Hz, +/-5Hz (settable)						
	Bypass Overload	110% for long ter operation; 125% for 10 mins; 150% for 1 min; 1000% for 10ms						
Output	Nominal Output Voltage	208/220						
	Voltage Regulation	+/-1% (100% balance load)						
	Output THDu	<2% Linear load; <6% Non-linear load						
	Frequency Regulation	50/60 Hz +/-0.1%						
	Crest Factor	2.5:1						
	Output PF	1						
	Inverter Overload	110% for 1 hour; 125% for 10 mins; 150% for 1 min;						
Battery Overload	125% for 10 mins; 150% for 1 min							
Battery	Charging Power	up to 15% output active power						
	Battery Number	20pcs						
System	Efficiency	Normal Mode	94%					
		Battery Mode	94%					
		ECO Mode	98%					
	IP Class	IP20						
	Interface	RS485, USB, Programmable Dry Contact						
	Temperature	Operation: 0 to 40°C Storage: -25 to 55 °C						
	Relative Humidity	0-95% Non-condensing						
	Altitude	<1000 m. 1% power derating for every 100m rise						
Noise (1 meter)	68dB @ 100% load; 65dB @ 45% load							
Physical	Dimension WxDxH(mm)	380mm*840mm*1400mm		380mm*940mm*1400mm		500mm*1000mm*1400mm		

For More Information

Please visit our website www.comcast-sa.com or contact your local sales representative.

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