



EPC-DTC33 Series 15-40kVA Tower Online UPS

Model		EPC-DTC33015S	EPC-DTC33020S	EPC-DTC33030S	EPC-DTC33040S
System Capacity		15kVA	20kVA	30kVA	40kVA
Input	Nominal Input Voltage	208VAC ~ 220VAC 3Ph+N+PE			
	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 (Configurable)			
	Input PF	0.98 > 25% load, 0.99 > 50% load			
	Input THDi	<4% (100% liner load)			
Bypass	Rated Voltage	208VAC ~ 220VAC (line-line)			
	Rated Frequency	50/60Hz (Configurable)			
	Bypass Voltage Range	-10~40%; +10~25% (settable)			
	Frequency Range	+/-1Hz, +/-3Hz, +/-5Hz (settable)			
	Bypass Overload	110% for long term operation; 125% for 10 mins; 150% for 1 min; 1000% for 10ms			
Output	Nominal Output Voltage	208VAC/220VAC			
	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	Battery Overload	125% for 10 mins; 150% for 1 min			
	Charging Power	up to 15% output active power			
	Battery Number	20pcs			
System	Efficiency	Normal Mode	0.94		
		Battery Mode	0.94		
		ECO Mode	0.98		
	IP Class	IP20			
	Interface	RS485, USB, Programmable Dry Contact			
	Temperature	Operation: 0 to 40°C Storge: -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 W*D*H (mm)	380mm*840mm*1400	380mm*940mm*1400	500mm*1000mm*1400	