INVERTRONS

HT33 Series Tower Online UPS

60-500KVA (380V/400V/415V)



Description:

HT33 series UPS applies advanced technology that increases performance and reliability. Three high speed DSPs with complete digital control ensures high quality of power supply, high input power factor and low input current distortion; Full front access of serviceability, parallel up to 1500KVA

Specification

MODEL			HT33060X	HT33080X	HT33090X	HT33100X	HT33120X	HT33150X	HT33200X	HT33250X	HT33300X	HT33400X	HT33500X
System Capacity			60kVA	80kVA	90kVA	100kVA	120kVA	150kVA	200kVA	250kVA	300kVA	400kVA	500kVA
Input	Dual Input		Standard							Optional		Standard	
	Phase		3 Phase+Neutral+Ground, 380V/400V/415V(line-line)										
	Input Voltage Range		304~478Vac (line-line),full load; 228V~304Vac (line-line),load decreases linearly according to the min phase voltage										
	Rate Frequency		50/60Hz										
	Input Frequency Range		40Hz ~ 70Hz										
	Input PF		>0.99										
	Input THDi		<3% (100% Linear load)										
Bypass	Rate Voltage		380/400/415Vac (line-line)										
	Rate Frequency		50/60Hz										
	Input Voltage Range		Settable, -40% ~ +25%										
	Bypass Frequency Range		Settable, ±1Hz, ±3Hz, ±5Hz										
	Bypass Overload		125% long term operation 130% for 10 mins 150% for 1 min >150% for 300ms							110% long term operation 125% for 5 mins 150% for 1 min >150% for 1s			
Output	Rate Voltage		380/400/415Vac (line-line)										
	Voltage Regulation		1% for balance load; 1.5% for unbalance load										
	Rate Frequency		50/60Hz										
	Frequency Precision		0.1%										
	Output PF		0.9										
	Output THDu		<1% , Linear load; <5.5%, Non-linear load										
	Crest Factor		3:1										
	Inverter Overload		110% for 1 hour; 125% for 10 mins ;150% for 1 min; >150% for 200 ms										
Battery	Voltage		±240Vdc										
	Battery Number		40pcs (Settable: even number from 32 to 44)										
	Voltage Precision		±1%										
	Charge Power		up to 20% * Output active power										
	Battery Cold Start		Optional							Standard			
System	Efficiency	AC Mode	95%	96%	95%	96%	95%	96%					
		ECO Mode	99%										
		Battery Mode	95%	96%	95%	96%	95%	96%					
	Display		10.4" touch screen LCD + LED + keyboard										
	IP Class		IP 20										
	Interface		RS232,RS485, Programmable Dry Contact, USB										
	Option		SNMP Card, Parallel kit, SPD, LBS, Dust filter										
	Temperature		Operation: 0 ~ 40 ℃ Storge: -40 ~ 70 ℃										
	Relative Humidity		0 ~ 95% Non-condensing										
	Altitude		<1000m. Within 1000m to 2000m, power derate 1% for every 100m rise										
	Noise (1 meter)		65dB @ 100% load, 62dB @ 45% load										
	Applicable Standards		Safety: IEC/EN 62040-1 EMC: IEC/EN 62040-2 Performance: IEC/EN 62040-3										
Physical	Weight (kg)		170	210	231	210	266	305	350	445	490	810	900
	Dimension W*D*H (mm)		600*980*950	600*980*1150	600*980*1400	600*980*1150	600*980*1400	650*960*1600	650*960*1600	650*970*2000	650*970*2000	1300*1100*2000	1300*1100*2000