

Model	HT33060X	HT33080X	HT33090X	HT33100X	HT33120X	HT33150X	HT33200X	HT33250X	HT33300X	HT33400X	HT33500X	
Power Rating	60kVA	80kVA	90kVA	100kVA	120kVA	150kVA	200kVA	250kVA	300kVA	400kVA	500kVA	
Main Input												
Grid System	3 Phases + Neutral + Ground											
Rated Input Voltage	380/400/415VAC (线电压)											
Rated Frequency	50/60Hz											
Input Voltage Range	304~478Vac (Line-Line), full load 228V~304Vac (Line-Line), load decrease linearly according to the min phase voltage											
Input Frequency Range	40Hz~70Hz											
Input Power Factor	>0.99											
Input Current THDi	<3% (full Linear Load)											
Bypass Input												
Rated Bypass Voltage	380/400/415VAC (Line-Line)											
Rated Frequency	50/60Hz											
Bypass Voltage Range	Selectable, default -20%~+15% Up limited: +10%, +15%, +20%, +25% Down limited: -10%, -15%, -20%, -30%, -40%											
Bypass Frequency Range	Selectable, $\pm 1\text{Hz}$, $\pm 3\text{Hz}$, $\pm 5\text{Hz}$											
Bypass Overload	125%, long time operation 125%<load<130%, last for more than 10 minutes 130%<load<150%, last for more than 1 minutes >150%, last for more than 300ms						110% Long term operation 110%~125% last for more than 5min 125%~150% last for more than 1min >150% last for more than 1s					
Output												
Rated Inverter Voltage	380/400/415VAC (Line-Line)											
Rated Frequency	50/60Hz											
Output Power Factor	0.9											
Voltage precision	$\pm 2\%$											
Transient Response	<5% for step load (20% - 80% -20%)											
Transient recovery	< 30ms for step load (0% - 100% -0%)											
Output Voltage THDu	<1.5% from 0% to 100% linear load <6% full non-linear load according to IEC/EN62040-3											
Inverter Overload	<110%, 60min; 110%~125%, 10min; 125%~150%, 1min; >150%, 200ms											
Frequency Regulation	50/60Hz $\pm 0.01\%$											
Synchronized Range	Settable, $\pm 0.5\text{Hz} \sim \pm 5\text{Hz}$, default $\pm 3\text{Hz}$											
Synchronized Slew Rate	Settable, 0.5Hz/S \sim 3Hz/S, default 0.5Hz/S											
Battery And Charger												
Battery Rate Voltage	$\pm 24\text{VDC}$											
Charger Voltage precision	1%											
Charger Power	max=20% *Output power											
Efficiency												
Normal Operation	>95%	>96%	>95%	>96%	>95%						>96%	
Battery Operation	>95%	>96%	>95%	>96%	>95%						>96%	
System												
Display	LED + LCD + touch screen											
Interface	RS232, RS485, USB, Programmable dry contact								232, RS485, USB, Programmable dry contact, battery cold st			
Option	battery cold start, SNMP, AS400, parallel kit, Lightning protection components, Dust Filter, LBS								AS400, parallel kit, Lightning protection components, Dust Fil			
Environmental												
Operation Temperature	0 ~ 40 °C											
Storage Temperature	-40 ~ 70 °C											
Relative Humidity	0 ~ 95% Non condensing											
Noise (1 meter)	65dB @ 100% load, 62dB @ 45% load											
Altitude	<1000m, Load derated 1% per 100m From 1000 ~ 2000m											
Physical data												
Cabinet Dimension (W*D*H, mm)	300*980*950	00*980*1150	00*980*1400	00*980*1150	00*980*1400	50*960*1600	50*960*1600	50*960*2000	50*960*2000	00*1100*2000	1300*1100*2000	
Cabinet Weigh (kg)	170	210	231	210	266	305	350	445	490	810	900	