

<b>HS33-40</b>	
<b>Mode</b>	<b>HS33-40</b>
<b>Main Input</b>	
Grid System	3 Phases + Neutral + Ground
Rated Input Voltage	380/400/415VAC (Line-Line)
Rated Frequency	50/60Hz
Input Voltage Range	304~478Vac (Line-Line),full load; 228V~304Vac (Line-Line),load decreases linearly according to the min phase voltage
Input Frequency Range	40Hz ~ 70Hz
Input Power Factor	>0.99
Input Current THDi	<3% (full Linear Load)
<b>Bypass Input</b>	
Rated Bypass Voltage	380/400/415VAC (Line-Line)
Rated Frequency	50/60Hz
Bypass Voltage Range	Selectable, default -20% ~ +15%; Upper limit: +10%, +15%, +20%, +25%; Lower limit: -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 term operation; 125%~130% for 10min; 130%~150% for 1min;
<b>Output</b>	
Rated Inverter Voltage	380/400/415VAC (Line-Line)
Rated Frequency	50/60Hz
Output Power Factor	0.9
Voltage precision	$\pm 1.5\%$ (0-100% linear load)
Transient Response	<5% for step load (20% - 80% -20%)
Transient recovery	< 30ms for step load (20% - 100% -20%)
Output Voltage THDu	<1% linear load; <6 (non-linear load) according to IEC/EN62040-3
Inverter Overload	<110%, 60min; 110%~125%,10min; 125%~150%,1min;
Frequency Regulation	50/60Hz $\pm 0.1\%$
Synchronized Range	Settable, $\pm 0.5\text{Hz}$ ~ $\pm 5\text{Hz}$ , default $\pm 3\text{Hz}$
Synchronized Slew Rate	Settable, 0.5Hz/S ~ 3Hz/s, default 0.5Hz/s
<b>Battery And Charger</b>	
Battery Rate Voltage	$\pm 240\text{VDC}$
Charger Voltage precision	0.01
Charger Power	max=20% System Power
<b>Efficiency</b>	
Normal Operation	>96%
Battery Operation	>96%
<b>System</b>	
Display	LED + LCD
Interface	Standard: RS232, RS485 Option: SNMP, Dry Contact, Parallel kit, Battery cold start
<b>Environmental</b>	
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
<b>Physical data</b>	
Dimension (W*D*H,mm )	250*836*770
Weigh(Kg)	61

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