HIP3300 SERIES

10~500kVA

3:3 phase PF:0.8/0.9

Features

- DSP-controlled technology
- Parallel redundancy up to 4 units
- Wide input voltage and frequency windows
- Easy-to-operate LCD display
- High power density up to 500kVA for space saving
- Unity power factor and low input distortion
- Output power factor at 0.8(0.9 optional)
- ECO mode for energy saving
- Common or separate battery
- Programmable battery voltage from ±192Vdc to ±240Vdc
- Intelligent charge modes with smart charge current adjustment
- Megatec/Mod Bus protocol supported
- Powerful charger built in
- Versatile communication interfaces provided for different applications
- Superior overload capability
- Programmable control and monitoring software

Control Panel

Technical Specifications:

MODEL		HIP3301S/H	HIP33015S/H	HIP3302S/H	HIP3303S/H	HIP3304H	HIP3306H	HIP3308H
Capacity (VA/Watts)		10k / 8k	15k / 12k	20k / 16k	30k / 24k	40k / 32k	60k / 48k	80k / 64k
INPUT								
Nominal voltage		380/400/415Vac, (3Ph+N+PE)						
Operating voltage range		208~478Vac						
Operating frequency range		40~70Hz						
Power factor		≥0.99						
Harmonic distortion (THDi)		2%(100% nonlinear load)						
Bypass voltage range		Max.voltage: 220V +25%(optional +10%,+15%,+20%) 230V 20% (optional +10%,+15%) 240V 15%(optional +10%) Min. voltage: -45% (optional -20%,-30%) Frequency protection range: ±10%						
Generator input		Support						
OUTPUT								
Output voltage		380/400/415Vac, (3Ph+N+PE)						
Voltage regulation		±1%						
Power factor		0.8/0.9(Customized)						
Output frequency		1.Line Mode: ±1%/±2%/±4%/±5%/±10% of the rated frequency(optional) 2.Battery Mode: (50/60±0.2%)Hz						
Crest factor		3:1						
Harmonic distortion (THDv)		≤2% with linear load ≤5% with non linear load						
Efficiency		94.5%		95%				
BATTERY								
Battery voltage		Standard unit: ±216Vdc; Long run unit Optional Voltage: ±192V\±204V\±216V\±228V\±240Vdc						
Battery type		12V/38Ah (standard unit)						
Charge Current(A) (charge current can be set according to battery capacity installed)		5.7A (Max./Standard unit) 6.0A (Max./Long run unit)				12A (Max.)		18A (Max.)
SYSTEM FEATURES								
Transfer time		Utility to Battery : 0ms; Utility to bypass: 0ms						
Overload	Line Mode	Load≤110%: last 60min,≤125%: last 10min,≤150%: last 1min,≥150% turn to bypass mode immediately						
	Bat. Mode	Load≤110%: last 10min,≤125%: last 1min,≤150%: last 5S,≥150% shut down UPS immediately						
Short Circuit		Hold Whole System						
Overheat		Line Mode: Switch to Bypass; Backup Mode: Shut down UPS immediately						
Low battery voltage		Alarm and Switch off						
Self-diagnostics		Upon Power On and Software Control						
EPO (optional)		Shut down UPS immediately						
Battery		Advanced Battery Management						
Nose Suppression		Complies with EN62040-2						
Audible & Visual		Line Failure, Battery Low, Overload, System Fault						
Status LED & LCD display		Line Mode, Bypass Mode, Battery Low, Battery Bad, Overload & UPS Fault						
Reading on the LCD display		Input Voltage, Input Frequency, Output Voltage, Output Frequency, Load Percentage, Battery Voltage & Inner Temperature						
Communication interface		RS232,RS485,Parallel,Intelligent slot,Relay card(optional),SNMP card(optional)						
ENVIRONMENTAL								
Operating temperature		0~40℃						
Storage temperature		-25~55℃						
Humidity range		0~95% (non condensing)						
Altitude		<1500m						
Noise level		<55dB						
PHYSICAL								
Dimension D×W×H (mm)		780×600×1200						
Net weight (kg)		S:598 H:129	S:600 H:131	S:602 H:133	S:603 H:134	170	172	199
STANDARDS								
Safety		IEC/EN62040-1,IEC/EN60950-1						
EMC		IEC/EN62040-2,IEC61000-4-2,IEC61000-4-3,IEC61000-4-4,IEC61000-4-5,IEC61000-4-6,IEC61000-4-8						

Specifications are subject to change without prior notice.