



GP-HFK11-10K

6~10kVA

1:1 phase PF:1.0 (PF0.9, 0.8 Optional)

Features

- N+X parallel redundancy
- Online double conversion with DSP control
- Input current harmonic: <3%
- Optimization battery group, the quantity of battery:16/18/20 pieces(optional)
- High output power factor at 1.0
- Wide input voltage range: 120~276Vac
- Wide input frequency range
- Support generator input
- ECO mode operation for energy saving
- Self-testing when UPS startup
- Options: SNMP card/Relay card/ Parallel card
- Cold start



Colourful LCD

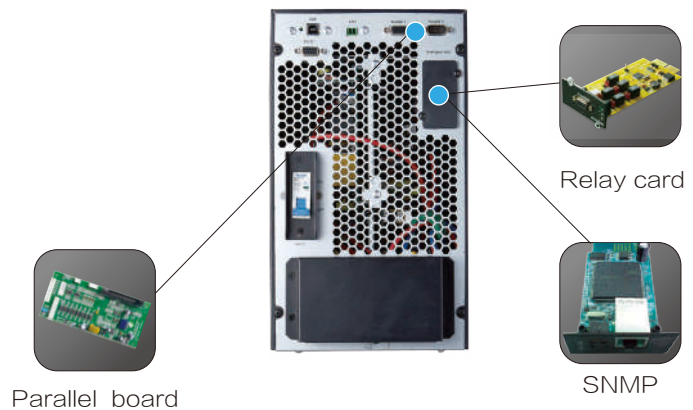


Gray LCD



Blue LCD

3 kinds of LCD can be selected



Parallel board

Relay card

SNMP

Technical Specifications:

MODEL		GP-HFK11-10K
Capacity (VA/Watts)		10K/10K
INPUT		
Nominal Voltage		220/230/240Vac
Operating Voltage Range		120~276Vac
Frequency Range		50Hz:45~55Hz; 60Hz:54~66Hz(auto sensing)
Power Factor		≥0.99
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%)
Bypass frequency range		Frequency protection range:±10%
ECO range		Same as the bypass
Harmonic distortion (THDi)		<3%(100% linear load)
Generator input		Support
OUTPUT		
Output Voltage		220/230/240Vac
Power Factor		1
Voltage Regulation		±1%
Frequency	Line Mode	±1%/±2%/±4%/±5%/±10% of the rated frequency(optional)
	Bat. Mode	50/60(±0.1)Hz
Crest Factor		3:1
Harmonic Distortion (THDv)		≤2% with linear load
		≤5% with non-linear load
Efficiency		>93%
BATTERY		
Battery voltage		±96/108/120Vdc (optional)
Capacity (standard unit)		12V-7Ah/9Ah
Typical recharging time		6~8 hours (to 90% of full capacity)
Charging current		1A(Standard unit); Long run unit Max.current10A(charging current can be set according to battery capacity installed)
SYSTEM FEATURES		
Transfer time		Mains to battery:0ms; Mains to bypass:0ms
Overload	Line Mode	Load ≤110%: last 10min, ≤130%: last 1min, >130% turn to bypass mode immediately
	Bypass Mode	80A(Breaker)
Short circuit		Hold whole system
Overheat		Line Mode: Turn to Bypass; Bat. Mode: Shut down UPS immediately
Battery low		Alarm and switch off
Self-diagnostics		Upon power on and software control
Battery		Advanced battery management
Audible & Visual alarms		Line failure, Battery low, Overload, System fault
LED & LCD display		Line mode, Bat. mode, Eco mode, Bypass mode, Battery under voltage, Overload & UPS fault
LCD display		Input voltage, Input frequency, Output voltage, Output frequency, Load percentage, Battery voltage, Inner temperature & Remaining battery backup time
Communication interface		RS232,USB,SNMP card(optional), Parallel card(optional), Relay card (optional)
ENVIRONMENT		
Operating temperature		0°C~40°C
Storage temperature		-25°C~55°C
Humidity range		0~95% (non-condensing)
Altitude		< 1500m
Noise level		<55dB
PHYSICAL		
Dimension W×D×H (mm)		Standard model:191*460*720 ; long run model:191*405*330
Net weight (kg)		Standard model:61kg ; long run model:12kg
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