

FPHI Serise

1-3KVA
1:1Phase

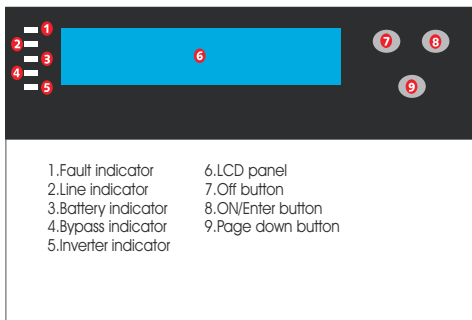
Application:

Computer center, network center, communication system, automation control system or other critical systems

- 1.ECO mode
- 2.Input power factor is high above 0.95 due to the Power factor correction rectifier.



Control Panel



Features:

- 1.Double conversion online technology
- 2.MCU intelligent control
- 3.Wide input voltage range
- 4.LCD and LED user interface
- 5.Optional 220/230/240V output voltage
- 6.Cold start
- 7.Green function
- 8.Generator compatible
- 9.Short circuit and overload protection
- 10.Self-test when UPS start
- 11.Auto restart after utility power restore when UPS shutdown due to battery low
- 12.Over temperature and over voltage protection
- 13.Optional extension battery pack
- 14.EMI/RFI noise filter
- 15.Smart RS232 communication with monitoring software
- 16.Optional SNMP card slot

Model	FPHI -1KVA	FPHI -2KVA	FPHI -3KVA	
Capacity	1KVA/700W	2KVA/1400W	3KVA/2100W	
Input	Phase			
	Single phase			
	Voltage Range			
	(120V~300V)±3%			
ECO mode Voltage Range	220V Output: 198~242Vac			
	230V Output: 207~253Vac			
	240V Output: 216~264Vac*			
Output	Frequency			
	45~55HZ/56-65HZ			
	Voltage(battery mode)			
	220V/230V/240V±3%			
Waveform	Sine wave			
	Frequency			
	AC mode: follow utility Battery mode: 50±0.2%/60±0.2%			
Transfer Time (Utility mode to Battery mode)	0			
	Protection			
Short Circuit	AC mode: beep solid on, and automatically shut off after 1 min, it return normal when short circuit release. Bypass mode: fuse melt(1kva) or breaker jump(2/3kva), and it shut down assistant power after some time.			
Overload	105% ~ 130%→60s; 130% ~ 150%→10s; >150%→200ms			
Battery	Type			
	Sealed lead acid,maintenance free			
	Recharge			
	automatic transfer between equalizing charge and floating charge			
	Backup Time(full load)	≥5min	≥8min	≥5min
	Backup Time(half load)	12min	19min	16min
Charge Current	0.5A/8A(long time unit)	1A/5A(long time unit)	1A/5A(long time unit)	
Battery Configuration	3x12V/7AH(standard unit)	8x12V/7AH(standard unit)	8x12V/7AH(standard unit)	
Indication	Bypass mode			
	one beep every 30 seconds			
	Battery Mode			
	one beep every 4 seconds			
Battery Low,overload,over temperture				
beep solid on				
Other	Short Circuit			
	Audible Noise at 1m			
	< 40db < 45db < 50db			
	Temperature			
	Operating:0~40°C Storage:-20°C-55°C			
	Humidity			
	5%~95%			
	Standard Unit Net/ Gross Weight (kg)	7/9	13/15	14/16
	Long Time Unit Net/ Gross Weight (kg)	13/15	33/35	34/36
	Unit Dimension(W×D×H) mm	144×412×217		191×493×330
Packing Dimension(W×D×H) mm	225×490×320		330×625×490	

Rear Panel

