

Line Interactive UPS



IRIS 800-3000VA



Ηλεκτρονικά Ισχύος
Power Electronics



2
YEAR
Warranty
UPS
&
Batteries

IRIS UPS is a reliable and economical solution capable signed by ACE Power Electronics. The IRIS range includes models 800-3000VA that can be installed as a tower or in rack cabinets, adapted to user needs.

Pure sine wave output

With pure sine wave output, IRIS series guarantees compatibility for all kinds of loads.

User-friendly and easy rotation LCD display

The front panel digital display can be easily shifted by pressing shift button to suit the installation format, vertically stand or flatly wall mount.

Rack/Tower Design

The IRIS UPS range is designed for tower and rack cabinets. This function is very easy and requests limit time. A rack mount kit is also provided.

Output power factor 0.8

IRIS is a high-density UPS with output power factor 0.8 to provide higher performance and efficiency to critical applications.

Built-in boost and buck AVR

With built-in voltage regulator, the UPS will maintain regulated nominal output without using battery power during brownouts and overvoltages from 161-290V.

Hot-swappable battery design

This design ensures clean and uninterruptible power to protected equipment during battery replacement.

Programmable power management outlets

With programmable power management outlets, users can easily and independently control load segments. Also, allows users to extent the runtime for critical loads.

ECO mode operation for energy saving (ECO)

The ECO mode function allows cost-effective operation of UPS Systems as high as 98%. In this operation mode, load is supplied by the mains. In the event of a mains failure, the inverter takes over the load and provides supply continuity to the connected systems

SNMP + USB + RS-232

The communication of the UPS is done via the USB and RS- 232 ports, also there is the possibility to communicate via SNMP.



Model	IRIS II 800	IRIS II 1100	IRIS II 1500	IRIS II 2000	IRIS 2500	IRIS II 3000
CAPACITY	800VA / 720W	1100VA / 990W	1500VA / 1350W	2000VA / 1800W	2500VA / 2250W	3000VA / 2700W
INPUT						
Voltage	110/115/120/127 VAC or 208/220/230/240 VAC					
Voltage Range	81-152 VAC or 162-290 VAC					
Frequency Range	60/50 Hz (auto sensing)					
OUTPUT						
Voltage Regulation (Line Mode)	110/115/120/127 VAC or 208/220/230/240 VAC					
Voltage Regulation (Batt. Mode)	± 1.5 % (before battery alarm)					
Frequency Range (Batt. Mode)	50 Hz or 60 Hz ± 1 Hz					
Current Crest Ratio	3:1					
Harmonic Distortion	2% max @ 100% linear load, 5% max @ 100% non-linear load (before low battery alarm)					
Transfer Time	Typical 2-6 ms, 10ms max.					
Waveform (Batt. Mode)	Pure Sine wave					
EFFICIENCY						
AC Mode	97%		97%		97%	
Buck & Boost Mode	95%		95%		95%	
Battery Mode	90%		91%		92%	
BATTERIES						
Type & Number	12V / 7Ah x 2	12V / 9Ah x 2	12V / 7Ah x 4	12V / 9Ah x 4	12V / 7Ah x 6	12V / 9Ah x 6
Charging Voltage	27.4 VDC ± 1%		54.8 VDC ± 1%		82.1 VDC ± 1%	
Typical Recharge Time	4 hours recover to 90% capacity					
PROTECTION						
	Overload, discharge, and overcharge protection					
INDICATORS						
LCD Display	AC Mode, Battery Mode, Load Level, Batteries capacity, Input Voltage, Output Voltage, Overload, Fault & Low Battery					
ALARMS						
Battery Mode	Sounding every 10 seconds					
Low Battery	Sounding every 2 seconds					
Overload	Sounding every second					
Fault	Continuously sounding					
PHYSICAL						
Dimension Tower Model H x W x D (mm)	410 x 438 x 88		510 x 438 x 88		630 x 438 x 88	
Dimension Rack Model H X W X D	2U x 19" x 410mm		2U x 19" x 510mm		2U x 19" x 630mm	
Net Weight (kgs)	12.9	13.4	19.5	21.5	27.7	29.3
ENVIRONMENT						
Humidity	0-90 % RH @ 0 - 40°C (non-condensing)					
Temperature	0 - 40°C					
Noise Level	<45dB					
COMMUNICATION						
Smart RS-232/USB	Supports Windows 2000/2003/XP/Vista/2008, Windows 7, Linux, Unix & MAC					
SNMP (Optional)	Power management from SNMP manager and web browser					

