

# Line Interactive UPS

## IDEAL-5330AL/ALU

### F

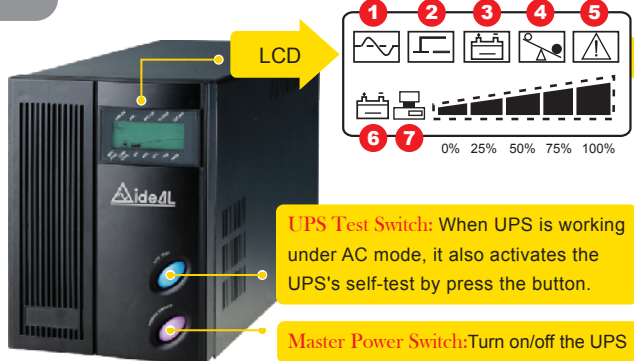
#### Features:

- Line Interactive Design
- User-friendly LCD Display
- Provide Boost and Buck AVR to stabilize Input Voltage
- Provide Lightning, Surge, Overload and Short Circuit Protection
- Built-in CCCV Battery Charger and Battery Over Drain Protection
- No Load Auto Shutdown (Dip Switch Set up)
- Auto Restart when AC Recovery
- Buzzer Alarm Auto Reset (Dip Switch Set up)
- Cold Start Function (DC Power On)
- Tel/Modem/Fax/Internet Surge Suppression
- Optional Bundles Software: Automatically save Your Valuable Files before Auto Shutdown
- Microprocessor Design for True RS-232 (Optional)
- Available to extend Back-up Time (To add Extra External Battery Bank)



### F

#### Front Panel:



- ① On-line: AC Normal.
- ② AVR Protection LCD: When AVR is working under protection mode, the light will turn on.
- ③ Back-up: Battery in Back-up.
- ④ Overload: If the UPS is overloaded, the light will turn on and the alarm will sound continuously.
- ⑤ UPS Cut off: Overload or cut off.
- ⑥ Battery Level: A bar graph showing how much of the UPS battery is being used.
- ⑦ Load Level: A bar graph showing how much of the UPS power is being used.



5330AL Main UPS

Battery Bank

- ① Outlets
- ② AC Input
- ③ AC Fuse
- ④ Communication Interface Port
- ⑤ UPS Function Set up (1).No Load Auto Shutdown (2).DC Start (3).Buzzer Alarm Auto Reset
- ⑥ USB Port
- ⑦ Cooling Fan
- ⑧ External Battery Connector
- ⑨ DC Fuse

S

# Line Interactive UPS

Specification:

Model	RS-232 USB	5330AL 5330ALU
Capacity		3000VA/1800W
Input	Voltage	110/115/120VAC or 220/230/240VAC
	Voltage Range	86VAC~144VAC or 172VAC ~288VAC (+/-25%)
	Frequency	47Hz~53Hz or 57Hz ~63Hz
Output	Voltage Regulation(Batt.Mode)	110/115/120VAC or 220/230/240VAC +/-10%
	Frequency	50Hz or 60Hz +/-1Hz
	Waveform	Simulated Sinewave
	Transfer Time	< 6ms (Typical)
Outlet	IEC-320/NEMA 5-15R	4/4
Battery	Battery Type	12V/12AH*4pcs
	Recharge Time	5Hrs to 90% after complete discharge
	User's Replacement	Yes
	Battery Protection	Over discharge protection & Short circuit protection by fuse
	Advanced Battery Management	Yes
	Battery Back-up Time	It depends on connecting loads
Function	Display (LCD)	LCD display for AC normal,Back-up,AVR protection, Load and Battery level, Overload and UPS cut off
	Alarm	Buzzer on for Back-up mode,Battery low,Overload
	Output Short Protection	AC fuse and Electronic circuit(Line mode);Electronic circuit (Back-up mode)
	Communication Port(RS-232)	Shutdown software for Windows 95/98/NT/2000/ME/XP/Vista
	Modem/Phone Protection	RJ-11/RJ-45
	Lightning/Surge Protection	240joules
	AVR (Auto. Voltage Regulation)	Boost/Buck
	DC Start Function	Yes
	Auto. Restart UPS	Yes
Environment	Over/Under Voltage Protection	Yes
	Safety Standard	CE (EN50091-1,EN62040-1-1)
	EMC Standard	FCC Part 15 Class B,CE (EN50091-2,EN55011,EN61000-3-2,EN61000-3-3)
	Operating Temperature	0 ~ 40°C
	Relative Humidity	0 ~ 95%, non-condensing
Physical	Audible Noise	< 40dB at 1M
	Dimension(D*W*H)	408*143*197mm
	Net Weight	15Kgs
	Dimension(D*W*H)-Battery Bank	408*143*197mm
	Net Weight	20Kgs
Design, Manufacture, Services		ISO 9001-2000
Warranty		1 year