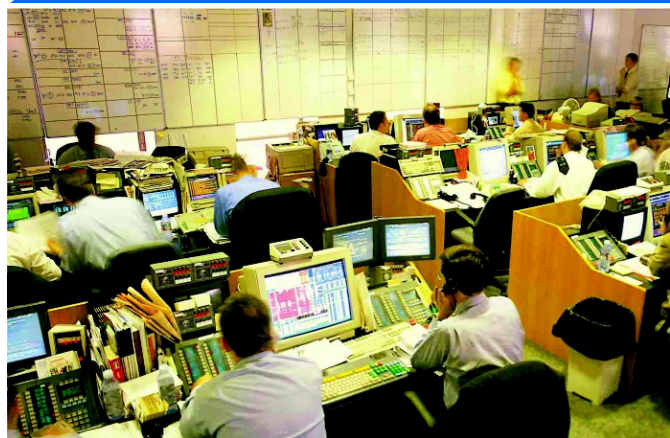
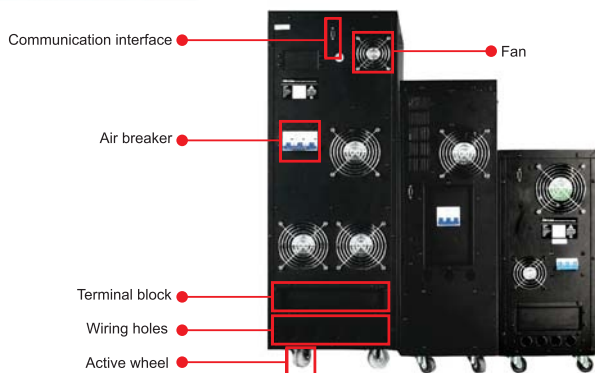


## Online UPS R-Series (Reliable Series) 1-4KVA (1/1)



### AVO EFFICIENT POWER EP 400

#### Application:

Computer/critical servers/data center/hub  
& other network device/LAN/WAN.



### FEATURES & BENEFITS

- True on-line double conversion design providing all power protection
- Sine wave pulse width modulation
- IGBT inverter design
- Wide Input voltage windows
- Pure sine wave output with less than 3% THD
- Expandable backup time
- Generator compatible
- Cold start
- Load/Battery power meter display
- Overload, on-line, battery status LED/LCD
- Advanced Battery Management
- Automatic charging in UPS off mode
- Zero transfer time on AC mode to/from battery mode, AC mode to/from bypass mode
- Smart RS-232 communication port
- Optional SNMP card and Dry card

# Technical Specifications

Model		EP401	EP402	EP403	EP404
Capacity		1 KVA	2 KVA	3 KVA	4 KVA
Input	Voltage Range	170-270VAC (85-135VAC Optional)			
	Frequency	50/60Hz± 5%			
	Phase	Single phase + GND			
	Max input current(110V)	12A	24A	36A	48A
	Max input current(220V)	6A	12A	18A	24A
Output	Voltage Range	220VAC ±1% (110VAC±1% Optional)			
	Frequency	50/60Hz 0.5%			
	Phase	Single phase + GND			
	THD	<3%(linear load)			
	Power Factor	0.8 lag to unity			
	Short Circuit Protection	Current limit, turn off automatically, Switch protect			
	Overload Capacity	Overload 110%-150% , 20s later go to bypass,automatically resume when load become normal			
Battery	Type	Sealed lead acid, maintenance free			
	DC	48VDC(192V Optional)			192VDC
	Charge current	4.2A	4.2A	4.2A	4.2A
	Charge Time	90% capacity after 8 hours			
Panel indication	LCD	Working mode, I/P and O/P voltage, I/P and O/P frequency, Battery voltage, load percentage, UPS inner temperature			
	LED	low battery, online, inverter, bypass, abnormal			
Efficiency	Whole unit	>0.90			
Communication		1.Power status 2.UPS shutdown 3.monitor UPS status 4.UPS self test 5.auto-save files			
Protection		Surge protection,Over load, over temperature, Short protection, and so on.			
Audible Noise		<55 db at 1 meter			
Environment	Temperature	0~40			
	Humidity	0%-95%			
General	Net/Gross weight (without battery) kg	46/61	63/78	75/90	65/85
	Unit Dimension (W x D xH)mm	230x670x538	230x670x538	230x670x538	230x635x700
	Packing Dimension (W x D xH)mm	410x780x770	410x780x770	410x780x770	410x810x950

- All specifications are subject to change without prior notice
- Custom-made specifications are acceptable



## SWITCHING AVO ELECTRO POWER LIMITED

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