

Features:

- High frequency, double conversion online technology
- Fully digitised DSP control
- Wide input voltage range
- Cold start and programmable auto re-start functions
- Advanced battery management
- Selectable ECO mode for high efficiency operation
- Automatic battery charge in UPS off mode
- Lightning and surge protection
- Short circuit and overload protection
- Automatic fan speed control with load variation
- Emergency Power Off facility
- Smart RS232 and USB comms with monitoring software
- Optional relay or SNMP communications card
- Up to 4 units can be operated in parallel



Specifications

UPS Model		AP310B	AP315B	AP320B	AP330B	AP340B
Capacity		10kVA/9kW	15kVA/13.5kW	20kVA/18kW	30kVA/27kW	40kVA/36kW
Topology		True Online				
Input	Nominal Voltage	380/400/415V AC				
	Voltage Range	184-276VAC				
	Phase	Three Phase				
	Frequency	40-70Hz				
	Power Factor	>0.99				
Output	Voltage	220/230/240VAC				
	Phase	Three Phase				
	Power Factor	0.9pf				
	Frequency Range	50-60Hz User Adjustable				
	THD (Linear Load)	<2%				
	THD (Non-Linear Load)	<5%				
	Efficiency	>95%				
	Overload Capability	<110% 60min/<125% 10min/150% 1min/>150% Immediate Shutdown				
	Overload in bypass	0				
	Crest Factor	3:1				
	Short Circuit Protection	Yes				
	Waveform	Sine Wave				
	Transfer Time	0ms				
Connections	Hardwired					
Parallel	Parallel Capable	Yes				
	Max. Parallel Units	4				
Battery	Battery Model	S12-38L				
	DC Voltage	384/408/432/456/480VDC (Internal Battery 432VDC)				
	Battery Type & Qty	32/34/36/38/40 12V Blocks (Internal Battery 36x 12V Blocks)				
	Backup At Half Load	150min	90min	60min	35min	25min
	Backup At Full Load	60min	35min	25min	12min	8min
	Charge Current	6A			10A	
	Recharge Time	Depends on Internal or External battery Capacity				



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UPS Model		AP310B	AP315B	AP320B	AP330B	AP340B
Environment	Operating Temperature	0-40°C				
	Relative Humidity	0-95%				
	Altitude	<1500m				
	Storage Temperature	Unknown				
	Noise Level	<60dB				
	Heat Loss	0.42kW	0.64kW	0.85kW	1.27kW	1.70kW
Communication	Standard	Standard RS485/RS232/Parallel Port				
	SNMP	E-SNMP/4 (Internal) E-SNMP/6 (External) (Optional)				
	VFC	E-RELAY/4 (Optional)				
Display	LCD Display	Yes				
	LED Indication	Yes				
Safety and EMC		EN62040-1-1; EN62040-2; IEC60950; CE				
Weights & Dims	Net Weight	591kg	594kg	595kg	595kg	626kg
	Dimensions (H x W x D)	1200 x 600 x 780 mm				
Standard Accessories	User Manual	Software/IO Leads/Data Leads/ O&M Manual				
	Control Software	With SNMP Card				