

Features:

- Flexible and expandable UPS power solution
- High frequency double conversion online technology
- 19” cabinets available in full and half height format
- Modular design capable of housing either 5x, 8x, 10x, 13x or 16x power modules
- 3:3 power modules available in 10, 20, 40 and 50kVA ratings
- Configurable N+1 modular redundancy
- Parallel system capability on 3:3 models (maximum 4x cabinet)
- Wide input voltage range
- Intelligent battery charge management
- Short circuit and overload protection
- EMI and RFI noise filtering
- Smart circuit RS232 communication with monitoring software
- Fully digitized microprocessor
- Large touch screen LCD interface



Specifications

UPS Model (AP)		633100/20	633200/20	633200/4050	633400/4050	633600/4050	633800/4050
Capacity		10-100kVA	10-200kVA	40-200kVA	40-400kVA	40-600kVA	40-800kVA
Topology		True Online					
Input	Nominal Voltage	380/400/415V AC					
	Voltage Range	208-470VAC					
	Phase	Three Phase					
	Frequency	40-70Hz					
	Power Factor	>0.99					
Output	Voltage	380/400/415VAC ±1%					
	Phase	Three Phase					
	Power Factor	0.9pf/1.0pf module dependant	0.8pf 30 batteries, 0.9pf 32-34 batteries or 1.0pf 36-50 batteries				
	Frequency Range	50-60Hz ±0.1%					
	THD (Linear Load)	<2%					
	THD (Non-Linear Load)	<5%					
	Efficiency	0.95					
	Overload Capability	<110% 60min/<125% 10min/<150% 1min					
	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	Variable					
	DC Voltage	384/408/432/456/480VDC	360/384/408/432/456/480/504/528/552/576/600VDC				
	Battery Qty	32/34/36/38/40 12V Blocks	30/32/34/36/38/40/42/44/46/48/50 12V Blocks				
	Charge Current	6A per Module	20A per Module				
	Recharge Time	Depends on External Battery Capacity					



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Environment	Operating Temperature	0-40°C					
	Relative Humidity	0-95%					
	Altitude	<1500m					
	Storage Temperature	- 25°C - +55°C					
	Noise Level	<70-73dB					
Communication	Standard	RS232/RS485					
	SNMP	SNMP/4 (Optional)					
	VFC	RELAY/2 (Optional)					
Display	LCD Display	Yes					
	LED Indication	Yes					
Safety and EMC		IEC62040-1; IEC62040-2; IEC62040-3; IEC60950-1; IEC 61000-4; CE					
Enclosure Weights & Dims	Net Weight	152kg	290kg	260kg	280/600kg	720kg	
	Dimensions (H x W x D)	1400 x 600 x 840	2000 x 600 x 1100	1600 x 600 x 860	2000 x 600 x 860	2000 x 1200 x 860	
Module Type		AP63310H	AP63320H	AP63320U	AP63340U	AP63350U	
Module Rating		10kVA/9kW	20kVA/18kW	20kVA/20kW	40kVA/40kW	50kVA/50kW	
UPS Module Weights & Dims	Net Weight	26kg	31kg	31kg	34kg	34kg	
	Dimensions (H x W x D)	131 (3U) x 443 x 580					
Heat Loss (kW per Module)		0.78kW	0.95kW	0.94kW	1.45kW	1.81kW	
Standard Accessories	User Manual	Software/IO Leads/Data Leads/ O&M Manual					
	Control Software	With SNMP Card					