

Enhanced Power Services Limited

Features

- Flexible and expandable UPS power solution
- Modular design capable of housing up to 10x power modules
- Power modules available in 4, 6 and 10kVA ratings
- Configurable N+1 modular redundancy
- 19" cabinets available in full and half height format
- High frequency double conversion on-line technology
- Wide input voltage range
- Intelligent battery charge management
- Programmable battery charge current
- Short circuit and overload protection
- EMI and RFI noise filtering
- Smart RS232 communication with monitoring software
- Fully digitised microprocessor control
- Large touch screen LCD interface
- Built-in maintenance bypass
- Emergency Power Off function
- Optional SNMP card or relay card



3 : 3 phase 10-200kVA 0.9PF

E600 series UPS

UPS Model		E633100 (Half Height 5 Modules)	E633200 (Full Height 10 Modules)	
Capacity		10 - 100kVA / 9 – 90kW	10 - 200kVA / 9 – 180kW	
Input	Voltage Range	208 to 478V AC Line - Line		
	Phase	3 Phase 4 Wire & Earth		
	Frequency	40 to 70Hz		
	Power Factor	≥ 0.99		
Output	Voltage	380 / 400 / 415V AC Line – Line (user adjustable)		
	Phase	3 Phase 4 Wire & Earth		
	Frequency	50 / 60Hz (user adjustable)		
	THD (Linear Load)	≤ 2% linear load / ≤ 5% non-linear load		
	THD (Non-Linear Load)	On-line mode: ≥ 92%		
	Overload Capability	≤ 110% load for 60 min then transfer to bypass ≤ 125% load for 10 min then transfer to bypass		
		≤ 150% load for 1 min then transfer to bypass ≥ 150% load results in automatic shutdown of UPS		
	Crest Factor	3:1		
	Power Factor	0.9		
	Short Circuit Protection	Yes		
	Waveform	Sine Wave		
Transfer Time	0ms (between on-line mode and battery mode)			
Battery	DC Voltage	Configurable 32/34/36/38/40x 12V mono blocks (384V/408V/432V/456V/480V DC Nominal)		
	Charge Current	6A (per module)		
	Recharge Time	Depends on battery capacity and charge current		
Environment	Temperature	0°C to +40°C		
	Relative Humidity	0 - 95% (non-condensing)		
	Altitude	1500m maximum		
	Storage Temperature	-25°C to +55°C		
Communication	Standard: RS232 Optional: SNMP or Relay Card			
LCD Display	Touch Screen Display	Measurements: Input/output voltage/freq, battery voltage, load power and kVA, UPS temperature Operation mode: On-line, Battery, Bypass		
LED Indication	Green LED: Normal operation Yellow LED: Battery mode Yellow LED: Bypass mode Red LED: Abnormal operation			
Noise Level	< 62dBA			
Safety & EMC	CE marked Tested to EN/IEC62040-1-1 & EN/IEC62040-2			
Weight & Dimensions	Standard Unit Weight	170kg (without modules)	230kg (without modules)	
	Dimensions (H x W x D)	1400 x 600 x 840	2000 x 600 x 840	
Standard Accessories	Control Software	No (unless SNMP option is specified)		
	Data Lead	No		
	User Manuals	Yes		
Module Type	E63310H	E63315H	E63320H	
Capacity	10kVA / 9kW	15kVA / 13.5kW	20kVA / 18kW	
Weight & Dimensions		26kg	30kg	31kg
		131 x 443 x 580 mm		