

**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 or 10x power modules
- 1:1 & 3:3 power modules available in 4, 6 and 10VA ratings
- Configurable N+1 modular redundancy
- Parallel system capability on 1:1 & 3:1 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		E61150	E611100	E63150	E631100
Capacity		7-40kW	7-80kW	7-40kW	7-80kW
Topology		True Online			
Input	Nominal Voltage	220/230/240VAC		380/400/415V AC	
	Voltage Range	120-276VAC		208-470VAC	
	Phase	Single Phase		Three Phase	
	Frequency	40-70Hz			
	Power Factor	>0.99			
Output	Voltage	220/230/240 ±2%			
	Phase	Single Phase			
	Power Factor	0.7pf/0.8pf battery dependant			
	Frequency Range	50-60Hz ±0.1%			
	THD (Linear Load)	<2%			
	THD (Non-Linear Load)	<5%			
	Efficiency	0.93			
	Overload Capability	<110% 60min/<125% 10min/<150% 1min/>150% Immediate Shutdown			
	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	192/216/240VDC			
	Battery Qty	16/18/20 12V Blocks			
	Charge Current	6A per Module			
	Recharge Time	Depends on External Battery Capacity			

Specifications						
UPS Model		E61150	E611100	E63150	E631100	
Environment	Operating Temperature	0-40°C				
	Relative Humidity	0-95%				
	Altitude	<1500m				
	Storage Temperature	- 25°C - +55°C				
	Noise Level	<55dB	<55dB	<55dB	<55dB	<55dB
Communication	Standard	RS232/RS485				
	SNMP	E-SNMP/4 (Optional)				
	VFC	E-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	150kg	213kg	150kg	213kg	
	Dimensions (H x W x D)	1400 x 600 x 840	2000 x 600 x 840	1400 x 600 x 840	2000 x 600 x 840	
Module Type		E61110H			E63110H	
Module Rating		10kVA/7(8)kW			10kVA/7(8)kW	
UPS Module Weights & Dims	Net Weight	25kg			25kg	
	Dimensions (H x W x D)	131 (3U) x 443 x 580				
Heat Losses (Per Module)		0.89kW			0.89kW	
Standard Accessories	User Manual	Software/IO Leads/Data Leads/ O&M Manual				
	Control Software	With SNMP Card				