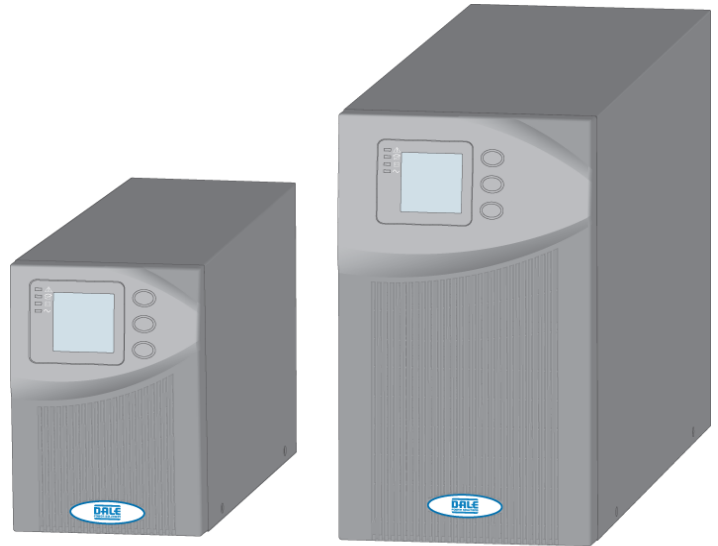


Features:

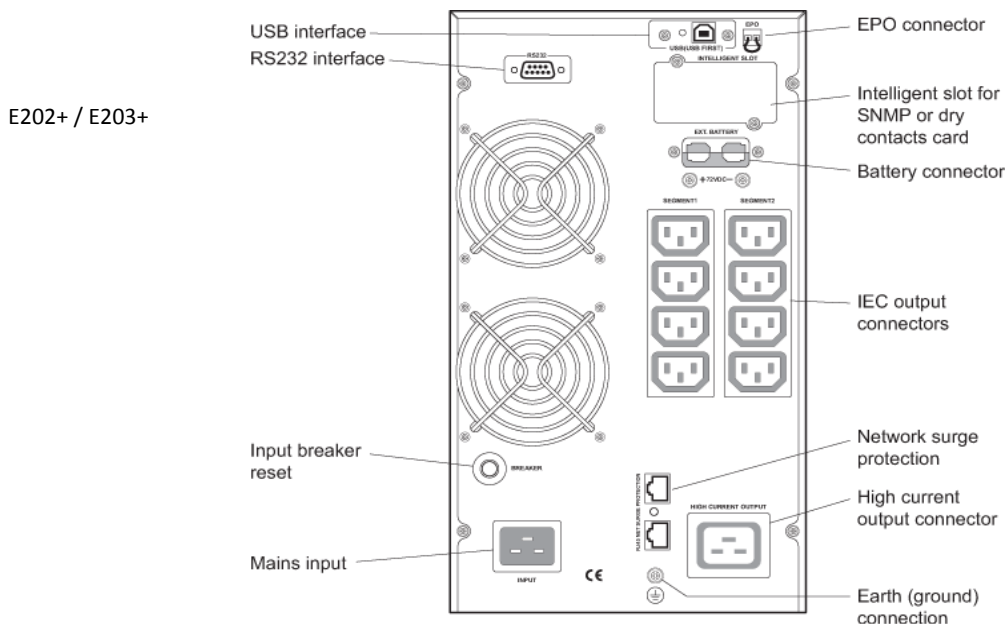
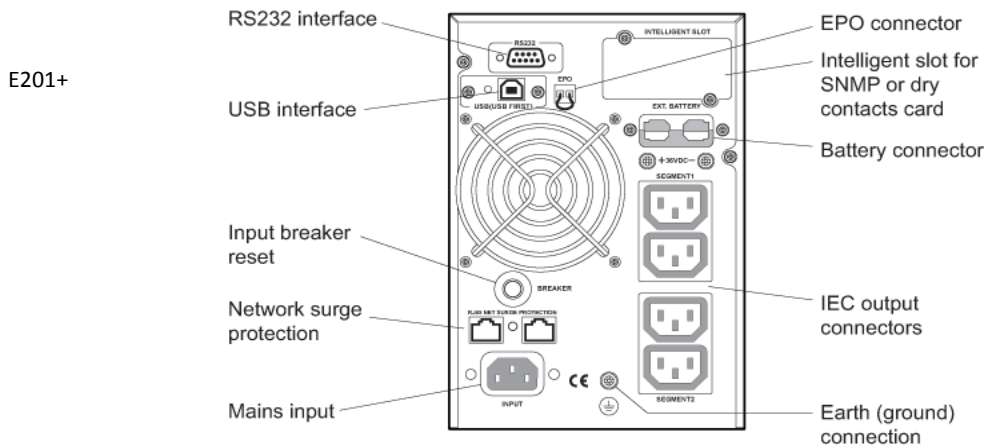
- High frequency, double conversion online technology
- Fully digitised DSP control
- Wide input voltage range
- Cold start and programmable auto re-start functions
- Advanced battery management
- Selectable ECO mode for high efficiency operation
- Automatic battery charge in UPS off mode
- Lightning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



Specifications

UPS Model		E201+	E202+	E203+
Capacity		1kVA/900W	2kVA/1.8kW	3kVA/2.7kW
Topology		True Online		
Input	Nominal Voltage	220/230/240VAC		
	Voltage Range	160-295VAC		
	Phase	Single Phase		
	Frequency	46-64Hz Auto Sensing		
	Power Factor	>0.98		
Output	Voltage	200/208/220/230/240 ±2%		
	Phase	Single Phase		
	Power Factor	0.9pf		
	Frequency Range	50-60Hz ±0.2Hz		
	THD (Linear Load)	<3%		
	THD (Non-Linear Load)	<5%		
	Efficiency	>89%		
	Overload Capability	130% 30sec/130-200% 3Sec/>200% 0.2sec		
	Crest Factor	3:1		
	Short Circuit Protection	Yes		
	Waveform	Sine Wave		
	Transfer Time	0ms		
Connections	IEC-C13 x 4	IEC-C13 x 8; IEC-C19 x 1	IEC-C13 x 8; IEC-C19 x 1	
Parallel	Parallel Capable	No		
	Max. Parallel Units	N/A		
Battery	Battery Model	S12-9U		
	DC Voltage	36VDC	72VDC	72VDC
	Battery Type & Qty	3x 12V / 9Ah	6x 12V / 9Ah	6x 12V / 9Ah
	Backup At Half Load	14min	14min	8min
	Backup At Full Load	5min	5min	3min
	Charge Current	1A		
	Recharge Time	90% capacity after 5hrs		
	Battery Pack	EE201+	EE202+	EE203+
Max. Battery Pack Qty	4	4	4	

Specifications		E201+	E202+	E203+
UPS Model				
Environment	Operating Temperature	0-40°C		
	Relative Humidity	0-90%		
	Altitude	<1500m		
	Storage Temperature	- 25°C - +55°C		
	Noise Level	<55dB	<55dB	<55dB
	Heat Loss	0.11kW	0.22kW	0.33kW
Communication	Standard	Standard RS232/USB		
	SNMP	E-SNMP/1 (Optional)		
	VFC	E-RELAY/1 (Optional)		
Display	LCD Display	Yes		
	LED Indication	Yes		
Safety and EMC		IEC62040-1; IEC62040-2; CE		
Weights & Dims	Net Weight	13kg	24.6kg	25.5kg
	Dimensions (H x W x D)	215x 144 x 409 mm	337 x 199 x 466 mm	337 x 199 x 466 mm
Standard Accessories	User Manual	Software/IO Leads/Data Leads/ O&M Manual		
	Control Software	With SNMP Card		
	Input Lead	3 pin UK mains	3 pin UK mains	3 pin UK mains
	Output Leads	IEC-C13 x 2	IEC-C13 x 2	IEC-C13 x 2
	Data Leads	RS232 & USB	RS232 & USB	RS232 & USB



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