

Features

- High frequency, double conversion on-line technology
- Fully digital microprocessor control
- Parallel capacity or redundancy (maximum 4 units)
- Wide input voltage range
- Intelligent battery charge management
- Automatic battery charge in UPS off mode
- RS232 communication with monitoring software
- Short circuit and overload protection
- Lightning and surge protection
- EMI and RFI noise filtering
- Line interactive ECO mode
- User friendly LCD interface
- Cold start function
- Built-in maintenance bypass switch
- Emergency Power Off function
- Relay alarm card fitted as standard
- Optional SNMP network card available
- Supplied with 36x 38Ah VRLA battery as standard
- Alternative battery capacity / autonomy available



Specifications

UPS Model		E73310B	E73315B	E73320B	E73330B	E73340B
Capacity		10KVA 9KW	15KVA 13.5KW	20KVA 18KW	30KVA 27KW	40KVA 32KW
Input	Voltage range	184V AC to 276V AC Line-Neutral				
	Phase	3 Phase 4 Wire & Earth				
	Frequency	40 to 70Hz				
	Power factor	> 0.99				
Output	Voltage	220/230/240V AC Line-Neutral (user adjustable)				
	Phase	3 Phase 4 Wire & Earth				
	Frequency range	50/60Hz (user adjustable)				
	THD (Linear Load)	< 2%				
	THD (Non-Linear Load)	< 5%				
	Waveform	Sine wave				
	Overload capability	=110%: 60 mins, =125%: 10 mins, =150%: 1 min, =150% automatic shutdown of UPS				
	Crest factor	3:1 (max)				
	Power factor	0.9				
	Short circuit protection	Yes				
Transfer time	0ms					
Efficiency	On-line mode: =95% Battery mode: =93%					
Battery	Type	12V valve regulated lead acid maintenance free				
	DC voltage	384V - 480V DC (432V DC fitted as standard)				
	Battery	36x 12V / 38Ah				
	Backup Time Half Load @ 0.8pf	150 min	90 min	60 min	35 min	25 min
	Backup Time Full Load @ 0.8pf	60 min	35 min	25 min	12 min	8 min
	Charge current	6A (max)				
Recharge time	Charge current can be set according to battery capacity installed					
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 / RS485 Optional: SNMP					
LCD Display	Measurements: Input & output voltage/frequency, battery voltage, load power & kVA, UPS temperature Operation mode: On-line, Battery, Bypass					
LED Indication	Green LED: Normal operation Yellow LED: Warning condition Red LED: Abnormal operation					
Noise Level	< 55dBA					
Safety & EMC	CE marked. Tested to EN/IEC 62040-1-1, EN/IEC62040-2, EN/IEC60950-1, IEC6100-4					
Weight & Dimensions	Standard unit weight (empty)	600kg	602kg	604kg	606kg	608kg
	Dimensions (H x W x D)	1200 x 600 x 780 mm				
Standard Accessories	Relay alarms card	Fitted as standard				
	SNMP network card	Available at additional cost				

Dale Power Solutions Ltd

Salter Road, Eastfield Industrial Estate, Scarborough, North Yorkshire, YO11 3DU, United Kingdom

Telephone: +44 (0) 1723 583511 Email: info@dalepowersolutions.com Website: www.dalepowersolutions.com

Registration No 941798 England

Document ref S5264EU13rev0