

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 and USB comms with monitoring software
- Optional relay or SNMP communications card
- Up to 4 units can be operated in parallel
- E suffix models have no internal battery and increased charging capacity



Specifications

UPS Model		E73310E	E73315E	E73320E	E73330E	E73340E
Capacity		10kVA/9kW	15kVA/13.5kW	20kVA/18kW	30kVA/27kW	40kVA/36kW
Topology		True Online				
Input	Nominal Voltage	380/400/415V AC				
	Voltage Range	184-276VAC				
	Phase	Three Phase				
	Frequency	40-70Hz				
	Power Factor	>0.99				
Output	Voltage	220/230/240VAC				
	Phase	Three Phase				
	Power Factor	0.9pf				
	Frequency Range	50-60Hz User Adjustable				
	THD (Linear Load)	<2%				
	THD (Non-Linear Load)	<5%				
	Efficiency	>95%				
	Overload Capability	<110% 60min/<125% 10min/150% 1min/>150% Immediate Shutdown				
	Overload in bypass	0				
	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				
	Battery Type & Qty	32/34/36/38/40 12V Blocks				
	Backup At Full Load	Variable	Variable	Variable	Variable	Variable
	Charge Current	6A			10A	
	Recharge Time	Depends on Internal or External battery Capacity				

Specifications						
UPS Model		E73310E	E73315E	E73320E	E73330E	E73340E
Environment	Operating Temperature	0-40°C				
	Relative Humidity	0-95%				
	Altitude	<1500m				
	Storage Temperature	Unknown				
	Noise Level	<60dB				
	Heat Loss	0.42kW	0.64kW	0.85kW	1.27kW	1.70kW
Communication	Standard	Standard RS485/RS232/Parallel Port				
	SNMP	E-SNMP/4 (Internal) E-SNMP/6 (External) (Optional)				
	VFC	E-RELAY/4 (Optional)				
Display	LCD Display	Yes				
	LED Indication	Yes				
Safety and EMC		EN62040-1-1; EN62040-2; IEC60950; CE				
Weights & Dims	Net Weight	123kg	126kg	127kg	127kg	158kg
	Dimensions (H x W x D)	1200 x 600 x 780 mm				
Standard Accessories	User Manual	Software/IO Leads/Data Leads/ O&M Manual				
	Control Software	With SNMP Card				

Specifications						
UPS Model		E73360E	E73380E	E733100E	E733120E	E733160E
Capacity		60kVA/54kW	80kVA/72kW	100kVA/90kW	120kVA/108kW	160kVA/144kW
Topology		True Online				
Input	Nominal Voltage	380/400/415V AC				
	Voltage Range	184-276VAC				
	Phase	Three Phase				
	Frequency	40-70Hz				
	Power Factor	>0.99				
Output	Voltage	220/230/240VAC				
	Phase	Three Phase				
	Power Factor	0.9pf				
	Frequency Range	50-60Hz User Adjustable				
	THD (Linear Load)	<2%				
	THD (Non-Linear Load)	<5%				
	Efficiency	>95%				
	Overload Capability	<110% 60min/<125% 10min/150% 1min/>150% Immediate Shutdown				
	Overload in bypass	0				
	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				
	Battery Type & Qty	32/34/36/38/40 12V Blocks				
	Backup At Full Load	Variable	Variable	Variable	Variable	Variable
	Charge Current	12A			24A	
	Recharge Time	Depends on Internal or External battery Capacity				

Specifications						
UPS Model		E73360E	E73380E	E733100E	E733120E	E733160E
Environment	Operating Temperature	0-40°C				
	Relative Humidity	0-95%				
	Altitude	<1500m				
	Storage Temperature	Unknown				
	Noise Level	<60dB				
	Heat Loss	2.54kW	3.39kW	4.24kW	5.09kW	6.79kW
Communication	Standard	Standard RS485/RS232/Parallel Port				
	SNMP	E-SNMP/4 (Internal) E-SNMP/6 (External) (Optional)				
	VFC	E-RELAY/4 (Optional)				
Display	LCD Display	Yes				
	LED Indication	Yes				
Safety and EMC		EN62040-1-1; EN62040-2; IEC60950; CE				
Weights & Dims	Net Weight	158kg	195kg	286kg	288kg	348kg
	Dimensions (H x W x D)	1200 x 600 x 780 mm			1600 x 600 x 780 mm	
Standard Accessories	User Manual	Software/IO Leads/Data Leads/ O&M Manual				
	Control Software	With SNMP Card				

Specifications						
UPS Model		E733200E	E733300E	E733400E	E733500E	E733600E
Capacity		200kVA/180kW	300kVA/270kW	400kVA/360kW	500kVA/450kW	600kVA/540kW
Topology		True Online				
Input	Nominal Voltage	380/400/415V AC				
	Voltage Range	184-276VAC				
	Phase	Three Phase				
	Frequency	40-70Hz				
	Power Factor	>0.99				
Output	Voltage	220/230/240VAC				
	Phase	Three Phase				
	Power Factor	0.8pf 30 batteries, 0.9pf 32-34 batteries or 1.0pf 36-50 batteries				
	Frequency Range	50-60Hz User Adjustable				
	THD (Linear Load)	<2%				
	THD (Non-Linear Load)	<5%				
	Efficiency	>95%				
	Overload Capability	<110% 60min/<125% 10min/150% 1min/>150% Immediate Shutdown				
	Overload in bypass	0				
	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				
	Battery Type & Qty	32/34/36/38/40 12V Blocks				
	Backup At Full Load	Variable	Variable	Variable	Variable	Variable
	Charge Current	50A	80A	100A	130A	180A
	Recharge Time	Depends on Internal or External battery Capacity				

Specifications						
UPS Model		E733200E	E733300E	E733400E	E733500E	E733600E
Environment	Operating Temperature	0-40°C				
	Relative Humidity	0-95%				
	Altitude	<1500m				
	Storage Temperature	Unknown				
	Noise Level	<60dB				
	Heat Loss	8.48kW	12.72kW	16.96kW	21.20kW	28.27kW
Communication	Standard	Standard RS485/RS232/Parallel Port				
	SNMP	E-SNMP/4 (Internal) E-SNMP/6 (External) (Optional)				
	VFC	E-RELAY/4 (Optional)				
Display	LCD Display	Yes				
	LED Indication	Yes				
Safety and EMC		EN62040-1-1; EN62040-2; IEC60950; CE				
Weights & Dims	Net Weight	380kg	600kg	815kg	860kg	860kg
	Dimensions (H x W x D)	1600 x 600 x 850 mm			2000 x 1200 x 850 mm	
Standard Accessories	User Manual	Software/IO Leads/Data Leads/ O&M Manual				
	Control Software	With SNMP Card				

Images shown may not reflect actual package supplied. Dale Power Solutions Ltd reserves the right to make changes in specification without notice or liability.