

Durable Series

For data centers and mission critical systems

DS-E33 II is the high performance three-phase on-line UPS, especially the output power factor up to one for 10-80KVA.

Adjustable battery numbers is effectively to extend the backup time to critical devices. Suitable for Laser printer and ultrasound system load.

DS-E33 II 10-200K

Features

- Digital Signal Processor(DSP) Design
- Output PF one for 10-80K models
- Adjustable Charging current up to 12A(10-40K)/24A(60-100K)/32A(120K)/40A(160K)/48A(200A)
- Optional Parallel-operation Function for 2 units (10-80K) & 3 units (100-200K)
- High Overload Capability 110% for 60mins
- Touchable LCD display
- Adjustable Battery Configuration 32 to 40pcs
- Optional Dual Input Design
- Active Power Factor Correction to improve the efficiency of Input
- Optional 208V system for 10-40K

Specifications

Model Name	DS10KE33 II		DS20KE33 II		DS30KE33 II		DS40KE33 II		DS60KE33 II		DS80KE33 II		DS100KE33 II		DS120KE33 II		DS160KE33 II		DS200KE33 II			
Topology	True On-line, Doudle Conversion, Low Frequency																					
On-battery Output Waveform	Pure Sine Wave																					
Maximum Capacity	10KVA/10KW		20KVA/20KW		30KVA/30KW		40KVA/40KW		60KVA/60KW		80KVA/80KW		100KVA/90KW		120KVA/108KW		160KVA/144KW		200KVA/180KW			
INPUT																						
Phase	3 Phase with Neutral & Ground																					
Nominal Voltage	L-N: 220/230/240VAC L-L: 380/400/415VAC																					
Voltage Range	L-N: 176-276VAC L-L: 305-478VAC																					
SYNC Frequency Tracking Range	50/60 ±4 Hz																					
Power Factor	≥0.99 at 100% Load																					
Battery Voltage	240V		348V(Default, Settable for 32-40pcs 12Volt battery)																			
Charging Voltage	136.5VDC ± 1%		136.5 VDC ×N ± 1% (N = 16~20)																			
Settable Charging Current	12A								24A								32A		40A		48A	
OUTPUT																						
Phase	3φ4W+GND																					
Voltage	L-N: 220/230/240VAC L-L: 380/400/415VAC ±1%																					
Frequency	50/60 ± 0.1Hz																					
Wave Form	Sine wave, THD<2% at linear load, THD<5% at non-linear load																					
Switch Time	0ms																					
Current Crest Ratio	3:1																					
Overload Capacity	100-110% of rated load last for 60 mins, 110-125% of rated load last for 10 mins, 125-150% of rated load last for 1 mins																					
EFFICIENCY																						
AC Mode	95.5%																					
Inverter Mode (Battery Mode)	94.5%																					
RROTECTIONS																						
Maintenance Switch	Maintenance switch with no switch time (Option)																					
Start-up	Provided with DC start up Function																					
Protect Function	Output short circuit, Overload, Over-temperature, battery low voltage, Output over/low voltage																					
ADVANCED WARNINGS/DAGNOSTICS																						
LCD display	Input voltage/ Frequency, Output voltage, Battery voltage, Load, etc.																					
LED display	Work status of UPS and fault indication																					
Alarm Function	Overload, Low battery, Overload, Failure																					
Battery test Function	Yes																					
COMMUNMENTAL																						
Standard Communication Function	USB/RS232																					
Optional Communication Function	SNMP/RS485/Dry Contact (Standard for 10/20K model)																					
ENVIRONMETAL																						
Noise (@ 1meter)	<55dB		<58dB		<65dB		<70dB		<75dB		<70dB				<73dB							
Operating Temperature	0~40℃																					
Relative Humidity	0~95%, No condensation																					
PHYSICAL																						
Dimension Physical (W×D×H)	626×250×750 mm				815×300×1000 mm				790×360×1010 mm				940×567×1015 mm				1040×567×1452 mm					
Weight (Net)	28 kg		43 kg		60 kg		61 kg		109 kg		113 kg		194 kg		229 kg		306 kg		340 kg			

Specifications are subject to change without notices.



LCD Display

