



**DSP based TRUE ONLINE  
DOUBLE CONVERSION TECHNOLOGY  
3 Phase Input -3 Phase Output**



3 phase input - 3 phase output					
Type	IntelliQ Online UPS				
Series	DSP based Double Conversion Online UPS system with True Galvanic Isolation				
Technology	IntelliQ Online UPS				
Ratings	5 KVA	7.5 KVA	10 KVA	15 KVA	20 KVA
Model No.	IQ333K	IQ337.5K	IQ3310K	IQ3315K	IQ3320K
Capacity	5 KVA	7.5 KVA	10 KVA	15 KVA	20 KVA
<b>INPUT PARAMETERS</b>					
No. of Phases	3 Phase- 4 Wire				
Voltage Range	310 V -- 480 Volt AC				
Input Frequency Range	45 - 55 Hz				
<b>OUTPUT PARAMETERS</b>					
Power	4000 W	6000 W	8000 W	12000 W	16000 W
Load PF Range	0.8 lagging				
Phase	3 Phase- 4 Wire				
Output Waveform	Pure Sine Wave				
Voltage	400V ± 2% (P-P), 380V & 415V user selection also available				
Frequency	50Hz ± 0.1Hz				
Load Crest Factor	> 3:1				
Output Voltage THD	<= 3% on Linear Load				
Loading Capacity	110% for 8 Minutes/ 125% for 1 Min/ 150% for 13 Sec				
BY-PASS					
Capacity	125% continuous				
Maintenance By-Pass	Available				
<b>BATTERIES</b>					
No of 12V Batteries	30				
Voltage	360 V DC				
Battery Charging Current	10 Amp				
Battery Recommendation	From 7.2 Ah to 200 Ah				
Battery Self Test	Automatic & Manual				
<b>USER INTERFACE</b>					
Communication Port	RS-232 Server and Client				
Operating System	Windows95/98/NT/2000/XP				
<b>GENERAL</b>					
Indication	LCD panel				
Alarm	Mains Failure, Battery Low, Over Load & Short Circuit				
Protection	Short Circuit , Over Voltage & Under Voltage Protection.				
Cooling	Forced Air Cooling				
UPS Efficiency	> 90%				
Operating Temperature	0-45DegC				
Operating Humidity	95% Condensing				
Monitoring Software	Additional Software available for remote monitoring				
Acoustic Noise	<45 Db at 1 meter				
Protection Class	Ip20				
UPS Weight(Without Batteries)	105Kg	125 Kg	155Kg	198Kg	210Kg
Dimension (L x W x H)	(450x700x700)mm	(450 x 700 x 700)mm	(450 x 700 x 700)mm	(450 x 700 x 700)mm	(450 x 750 x 700)mm



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Type	IntelliQ Online UPS		
Series	DSP based Double Conversion Online UPS system with True Galvanic Isolation		
Technology	IntelliQ Online UPS		
Ratings	25 KVA	30 KVA	40 KVA
Model No.	IQ3325K	IQ3330K	IQ3340K
Capacity	25 KVA	30 KVA	40 KVA
<b>INPUT PARAMETERS</b>			
No. of Phases	3 Phase- 4 Wire		
Voltage Range	310 V -- 480 Volt AC		
Input Frequency Range	45 - 55 Hz		
<b>OUTPUT PARAMETERS</b>			
Power	20000 W	24000 W	32000 W
Load PF Range	0.8 lagging		
Phase	3 Phase- 4 Wire		
Output Waveform	Pure Sine Wave		
Voltage	400V ± 2% (P-P), 380V & 415V user selection also available		
Frequency	50Hz ± 0.1Hz		
Load Crest Factor	> 3:1		
Output Voltage THD	<= 3% on Linear Load		
Loading Capacity	110% for 8 Minutes/ 125% for 1 Min/ 150% for 13 Sec		
BY-PASS			
Capacity	125% continuous		
Maintenance By-Pass	Available		
<b>BATTERIES</b>			
No of 12V Batteries	30		
Voltage	360 V DC		
Battery Charging Current	10 Amp		
Battery Recommendation	From 7.2 Ah to 200 Ah		
Battery Self Test	Automatic & Manual		
<b>USER INTERFACE</b>			
Communication Port	RS-232 Server and Client		
Operating System	Windows95/98/NT/2000/XP		
<b>GENERAL</b>			
Indication	LCD panel		
Alarm	Mains Failure, Battery Low, Over Load & Short Circuit		
Protection	Short Circuit , Over Voltage & Under Voltage Protection.		
Cooling	Forced Air Cooling		
UPS Efficiency	> 90%		
Operating Temperature	0-45DegC		
Operating Humidity	95% Condensing		
Monitoring Software	Additional Software available for remote monitoring		
Acoustic Noise	<45 Db at 1 meter		
Protection Class	Ip20		
UPS Weight(Without Batteries)	223Kg	240Kg	423.5Kg
Dimension (L x W x H)	(500 x 800 x 750)mm	(500 x 800 x 750)mm	(810 x 755 x 1460)mm

Specifications are subject to change without prior notice

