

Intelli UPS Q

Su-Kam

Ek nayi soch

DSP based TRUE ONLINE

DOUBLE CONVERSION VFI TECHNOLOGY

Audit your Power Quality through Power Manager Software



SALIENT FEATURES

- Wide Input Voltage & Frequency Window
- Built-in Galvanic Isolation Transformer
- Auto-self Test on LCD Panel
- Fuzzy Logic Controlled battery charging
- Intelligent Battery Management
- Scalable Runtime
- Cold Start

APPLICATIONS

- Workstations/Servers
- Networking Equipment
- Telecom
- Color Labs
- ATM Machines/POS Systems
- Gold Analyser Machines
- Security Systems
- Textile Industry

3 Phase Input - 1 Phase Output

TECHNICAL SPECIFICATIONS

Type	3 Phase Input – 1 Phase Output			
Series	IntelliQ Online UPS			
Technology	DSP based Double Conversion Online UPS with true Galvanic Isolation			
Ratings	10 KVA	15 KVA	20 KVA	25 KVA
Model	IQ3110K	IQ3115K	IQ3120K	IQ3125K
Capacity	10 KVA	15 KVA	20 KVA	25 KVA
INPUT				
No. of Phases	3 Phase- 4 Wire			
Voltage Range	310 V – 480 Volt AC			
Input Frequency Range	45 - 55 Hz			
OUTPUT				
Power	8000 W	12000 W	16000W	20000 W
Load PF Range	0.8 lagging			
Phase	1 Phase -2 Wire (P,N)			
Output Waveform	Pure Sine Wave			
Voltage	230V ± 1%			
Frequency	50Hz +/-0.1%			
Load Crest Factor	> 3:1			
Output Voltage THD	<=3% on Linear Load			
Loading Capacity	110% for 5 Minutes/ 125% for 1 Min/ 150% for 10 Sec			
BY-PASS				
Capacity	125% continues			
Maintenance By-Pass	Available			
BATTERIES				
No. of 12V Batteries	30			
Voltage	360 V DC			
Battery Charging current	0.8 Amp to 8 Amp			
Battery Recommendation	From 7.2 Ah to 200 Ah			
Battery Self Test	Automatic & Manual			
USER INTERFACE				
Communication port	RS-232 Server and Client			
Operating System	Windows95/98/NT/2000/XP			
GENERAL				
Indication	LCD pannel			
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			
Accoustic Noise	<45 Db at 1 meter			
Protection Class	Ip20			
UPS Weight	131 Kg (without Batteries)	156 Kg (without Batteries)	170 Kg (without Batteries)	170 Kg (without Batteries)
Dimension (H X W X D)	450MM X 650MM X 700MM	450MM X 650MM X 700MM	450MM X 700MM 730MM	450MM X 700MM X 730MM

Specifications are subject to change without prior notice.

