

IntelliQ UPS

Su-Kam

DSP based TRUE ONLINE

DOUBLE CONVERSION VFI TECHNOLOGY

1 phase input - 1 phase output



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

TECHNICAL SPECIFICATIONS

Type	1 phase input - 1 phase output			
Series	IntelliQ Online UPS			
Technology	DSP based Double Conversion Online UPS system with true galvanic isolation			
Ratings	2kVA	3kVA	5kVA	7.5kVA 10kVA
Model No.	IQ112K	IQ113K	IQ115K	IQ117.5K IQ1110K
INPUT PARAMETERS				
Input Supply	1 Phase, 3 Wire			
Voltage Range	170-280V AC			
Frequency Range	43-57 Hz			
OUTPUT PARAMETERS				
Power Factor	0.8			
Voltage Regulation	230V ± 1%			
Frequency Regulation	50Hz ± 0.05Hz			
Peak Efficiency	>87%			
Output Waveform	Pure Sine Wave			
Total Harmonic Distortion	< 3%			
Crest Factor	> 3:1			
Transient Response	Recovery to ± 5% within 1.5 cycles			
Overload Handling Capacity	110% for 8 mins, 150% for 15 secs, 200% for 2 secs, 300% for 1 secs			
BATTERY PARAMETERS				
Battery Type	12V/7.2-180Ah			
Battery Voltage (Nominal)	180V			
Battery Charging Current	0.8A ± 0.2A to 10A ± 0.2A			
USER INTERFACE				
Communication Port	RS-232 Server & Client			
Operating System	Windows 95/98/NT/2000/XP/2003 server			
Remote Monitoring	Web Based (Optional)			
ENVIRONMENTAL PARAMETERS				
Operating Temperature	0-45°C			
Acoustic Noise (at 1mts)	< 45dB			
Relative Humidity	Max 95% non-condensing			
OTHERS				
Indications & Alarms	Backlit 16 x 2 Lines LCD Screen with Indications & Alarms			
Protection Class	IP20			
Dimensions-WxDxH (in mm)	350x550x295	350x475x580	350x550x625	
Weight (in kgs)	43	60	74	97 112

Global Certifications

ISO 9001:2000 ISO 14001:2004



Tel

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Specifications are subject to change without prior notice.