

Intelli UPS Q

Su-Kam

DSP based TRUE ONLINE

DOUBLE CONVERSION VFI TECHNOLOGY

1 phase input - 1 phase output

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

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			192V	
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

Specifications are subject to change without prior notice.

Global Certifications

ISO 9001:2000 ISO 14001:2004



Su-Kam

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