

# 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

# 1 Phase Input - 1 Phase Output

## 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	1 KVA	2 KVA	3 KVA	5 KVA	7.5 KVA	10 KVA
Model	IQ111K	IQ112K	IQ113K	IQ115K	IQ117.5K	IQ1110K
Capacity	1 KVA	2 KVA	3 KVA	5 KVA	7.5 KVA	10 KVA
<b>INPUT</b>						
No. of Phases	1Phase-3Wire P,N,E					
Voltage Range	170 V - 280 Volts AC					
Input Frequency Range	47 to 53Hz.					
<b>OUTPUT</b>						
Power	700 W	1600 W	2400 W	4000 W	6000 W	8000 W
Load PF Range	0.8 lagging					
Phase	1 Phase -2 Wire (P,N)					
Output Waveform	Pure Sine Wave					
Voltage	230 V +/-1%					
Frequency	50Hz +/-0.1%					
Load Crest Factor	> 3:1					
Output Voltage THD	< =3% on Linear Load					
Loading Capacity	110% for 2 Minutes					
<b>BY-PASS</b>						
Maintenance By-Pass	Available					
<b>BATTERIES</b>						
No. of 12V Batteries	4	15	15	15	16	16
Voltage	48 VDC	180 VDC	180 VDC	180 VDC	192 VDC	192 VDC
Battery Charging current	0.8 Amp to 8 Amp	1 Amp to 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 pannel					
Alarm	Mains Failure, Battery Low, Over Load Short Circuit					
Protection	Short Circuit , Over Voltage & Under Voltage Protection.					
Cooling	Forced Air Cooling					
UPS Efficiency	> 85%					
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	32Kg (Without Batteries)	40Kg (Without Batteries)	57.5Kg (Without Batteries)	71.5 Kg (Without Batteries)	93Kg (Without Batteries)	108Kg (Without Batteries)
Dimension (L X W X H)	(490 X 225 x 350)MM	(550 X 350 X 325)MM	(475 X 350 X 610)MM	(475 X 350 X 610)MM	(550 X 350 X 660)MM	(550 X 350 X 660)MM

Specifications are subject to change without prior notice.

