

X100 is the latest compact 6 – 20kVA Single Phase Tower UPS from Eureka. Because of its compact footprint and high digital signal processing (DSP), it is an ideal power protection for applications where space and reliability is the most important.

FEATURES

- VFI-SS-111 Classification, 3-level IGBT
- Full Protection on overvoltage & short ci
- AC/AC efficiency up to 95% (VFI)
- High input power factor (>0.99)
- Low input harmonics distortion (<3%)
- Output Power Factor: 1.0
- Common battery
- ECO Mode



SPECIFICATION

MODEL	X100UPS3110KH	X100UPS3115KH	X100UPS3120KH
INPUT			
Cold Start	YES, Default Output Frequency will be 50Hz (Configurable)		
Acceptable Input Voltage	L-L 190VAC~499VAC / L-N: 110VAC~282VAC		
	100% Load @ >305VAC / >176VAC		
	90% Load @ >266VAC / >154VAC		
	75% Load @ >228VAC / 132VAC		
	50% Lload @ >190VAC / 110VAC		
Phase	Three (3) Phase Input, Single (1) Phase Output (Single (1) Phase Input can be optionally configured)		
Transfer Voltage Range	L-L 380/400/415VAC L-N 220/ 230/240VAC		
- Line low transfer	190VAC / 110VAC		
- Line low recovery	209VAC / 154VAC		
- Line high transfer	499VAC / 288VAC		
- Line high recovery	486VAC / 107VAC		
Input Current			
- Rating (@ 220VAC 3PH)	16.5A	75A	33A
- Rating (@ 380VAC 3PH)	50A	44A	99A
-Input Power Factor	≥0.99		
-Input current distortion	≤4%		
-Input Frequency Range	40~70Hz		
OUTPUT			
Frequency adaptable	Settable		
Power			
- Power (KVA)	10KVA	15KVA	20KVA
- Power (KW)	10KW	15KW	20KW
Output Voltage			
- Waveform (Bat. Mode)	Pure Sine Wave		
- Nominal voltage	L-N 220VAC / 230VAC / 240VAC, 200VAC / 208VAC (PF=0.9)		
- Voltage regulation	± 1 %		
- Voltage distortion	≤1% THD, linear load		
	≤3% THD, non linear load		

SPECIFICATION

MODEL	X100UPS3110KH	X100UPS3115KH	X100UPS3120KH
Output Frequency			
- Synchronization range	±5Hz default, settable		
- Battery mode	(50±0.1) Hz default		
Transfer Time			
- Line mode to battery mode	0ms		
- Inverter to bypass	0ms		
Efficiency			
- Line Mode with Battery Full charged	94% @ 100% Load 94.5% @ 70% Load	94.2% @ 100% load 95% @ 70% load	
- ECO mode	98.0%		
Overload Capability	110%:for 10 min ;125%:for 1min ; 150%:for 30 sec ≤ 125%: Continuous		
Overload Capability (Bypass Mode)	126% to 130% :Shutdown in 5 mins 131% to 150% :Shutdown in 1 mins > 150% :Shutdown in 200 ms		
BATTERY			
Quantity	16 - 20 x 12V Battery, Configurable		
DC Voltage	192VDC default, settable		
Charger			
- Charging current (max)	5A		
- Float Charging Voltage	2.25V/cell default, settable via software		
- Boost Charging Voltage	2.25V/cell default, settable via software		
Indicator & Alarm			
- Display	LED+LCD		
Inteface			
- Smart RS232	Support Power Monitor Software		
- EPO	NC or NO settable (Default: Not activated)		
- RS485(option)	Installed in the intelligent slot		
- SNMP(option)	Power Managment from SNMP Manager and Web Browser		
Option			
- Intelligent Kits	DB9 port, Alarm Relay Contact		
- Parallel Capability	Up to 4 units		
-Super charger (12A)	Digitally Controlled, 4-Steps Charge, settable		
- USB	B-type USB port		
- SNMP Kits	Pluggable type		
Working Enviroment			
- Storage Temperature	-40~70°C		
- Operating Tenperature	-5~45°C		
- Humidity	95% Non-Condensing		
- Altitude	<3000m (@full load)		
- Noise (1M)	<55dB	<62dB	<62dB
Mechanical			
- W*D*H (mm)	190*485*336	190*485*480	190*485*480
- Net Weight (Kg)	20	30	30
- Package Weight (Kg)	22	33	33
- Mounting	Tower		
Color	Black		