

UGX Series

30 ~ 120kVA
3:3 Phase

DSP Technology

kVA = kW



Unitary Design with integrated output Transformer Input PF,
Output PF Efficiency Near 1,

Features:

- ♦ True ONLINE double-conversion
- ♦ Built-in isolation transformer offers full isolation and complete common mode noise rejection
- ♦ Output power factor unity (1.0, KVA = KW)
- ♦ Active power factor correction in all phases
- ♦ 50Hz/60Hz frequency converter mode
- ♦ EHS mode operation for energy saving
- ♦ Emergency power off function (EPO)
- ♦ Generator compatible
- ♦ Multiple communications SNMP+USB+RS-232
- ♦ 3-stage extendable charging design for optimized battery performance
- ♦ Adjustable battery numbers 32 to 40 pcs
- ♦ Maintenance bypass available
- ♦ Parallel operation up to 6 units
- ♦ In case of Phase sequence-error-UPS-still works in mains without going to Battery Mode



Large LCD Display Panel



MODEL	UGX3330L32	UGX3340L32	UGX3360L32	UGX3380L32	UGX33100L32	UGX33120L32
Capacity	30kVA / 30kW	40kVA / 40kW	60kVA / 60kW	80kVA / 80kW	100kVA / 100kW	120kVA / 120kW
Parallel Capability	6					
INPUT						
Nominal Voltage	380 / 400 / 415 VAC (3Ph+N)					
Voltage Range	+25%, -30% of Nominal Input Voltage					
Frequency	50/60 Hz Nominal, 40~70 Hz,					
Power Factor	0.99					
OUTPUT						
Output Voltage	380 / 400 / 415 VAC (3Ph+N)					
Regulation	± 1%					
Frequency	50/60 Hz Nominal (Auto Sensing)					
Frequency Stability (Battery-Mode)	0.01%					
Crest Factor Ratio	3:1 (max.)					
Voltage Harmonic Distortion (THDv)	1 % THD (Linear Load), 3 % THD (Non-linear Load)					
Transfer Time	AC mode to Battery mode	Zero				
	Inverter to EHS	Zero				
Waveform	Pure Sinewave					
Overload	110% for 60 min, 125% for 10 min, 150% for 1 min; >150% 200 msec					
EFFICIENCY						
Energy High Saver (EHS)	98.7%					
BATTERY						
Battery Type	VRLA / SMF / NiCd / (Li-ion Battery Compatible)					
Battery Numbers	32~40 pcs (Adjustable) 12V Mono Block					
Charging Current (max.)	1A~20A(Adjustable)			2A~40A(Adjustable)		
PHYSICAL						
Dimension, D x W x H (mm)	815 x 300 x 1000		790 x 720 x 1060		970 x 600 x 1600	
Net Weight (Kgs)	205	230	447	470	500	550
ENVIRONMENT						
Operating Temperature	0-40°C					
Operating Humidity	< 95 % and non-condensing					
Noise Level	< 62 dB @ 1 Meter			< 65 dB @ 1 Meter		
STANDARDS						
Quality	ISO 9000, ISO 14001, OHSAS 18001, ISO 27001, ISO 500001, RoHS					
Safety	IEC/EN62040-1					
EMC / Performance	IEC/EN62040-2; IEC/EN62040-3, Complying to CE					
COMMUNICATION INTERFACE						
Standard	Smart RS-232 / USB					
Optional	SNMP / ModBus / Dry Contact / RS-485 / EMD					
Monitoring Software	SNMP Manager / Web Browser / View Power					

*Specifications are subject to change without prior notice.



EMERGENCY



HEALTH CARE



INFORMATION TECHNOLOGY



DATA CENTRE



TRANSPORT



TELECOM

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