

# UGX Series

60/80/100kVA  
3:3 Phase

## Applications:

For all kind of ADP Machines



## Features:

- True Online Double Conversion Topology
- 3-Level IGBT Based Rectifier & Inverter
- Wide Input Voltage Range
- High Input Power Factor :  $\geq 0.99$
- Wide Input Frequency Range : 40-70Hz
- Parallel upto 4 units
- Static Bypass and Cold Start
- High Output Power Factor : 1.0
- Low Harmonic Distortion :  $< 3\%$
- Configurable Batteries : 30~50 Nos.
- Inbuilt Transformer
- IOT Compatible



Control Panel

Output PF 1.0  
ECO Efficiency 99%  
Input PF 0.99



MODEL		UGX3360L32	UGX3380L32	UGX33100L32
Capacity (kVA)		60	80	100
<b>INPUT</b>				
Nominal Voltage		380V / 400V / 415V AC (3Ph+N+PE)		
Voltage Range		+25% – 35%		
Frequency Range		50 / 60 Hz ± 20% Auto Sensing		
Power Factor		≥ 0.99		
Harmonic Distortion (THDi)		≤ 2%		
Bypass Range	Voltage	35% (Optional -20%, -30%)		
	Frequency	± 10% (Configurable)		
Generator Input		Support		
<b>OUTPUT</b>				
Output Voltage		380V / 400V / 415V AC (3Ph+N+PE)		
Voltage Regulation		± 1%		
Power Factor		1.0		
Frequency		Auto Sensing 50 / 60 Hz ± 1~10% Sync Mode (Configurable), 50/60 Hz ± 0.1 Hz Battery Mode		
Crest Factor		3:1		
Harmonic Distortion (THDv)		≤ 2%		
Overload		≤125% for 10 Min, ≤ 150% for 1 Min, ≥ 150% for 200 ms		
Efficiency		96.5% Dual Conversion Mode, 99% ECO Mode		
<b>BATTERY</b>				
Battery Voltage		300 - 600V DC		
<b>SYSTEM FEATURES</b>				
Transfer Time		Zero		
Self-Diagnostics / EPO		Upon Power On and Software Control / Inbuilt		
IP Protection		IP 20		
Alarm / Protection		Line Failure, Battery Low, Overload, System Fault and Short Circuit		
Display	LED	Line Mode, Bypass Mode, Battery Low, Overload and UPS Fault Codes		
	LCD	Input Voltage, Input Frequency, Output Voltage, Output Frequency, Load %, Battery Voltage & Temperature, Output W/VA		
Parallel		Inbuilt		
<b>ENVIRONMENT</b>				
Temperature		Operating: 0~50°C*, Storage: -10°C ~ 55°C		
Humidity / Altitude		0~95% RH Non-condensing / <1500 M		
Noise		<60dBA		
<b>STANDARDS</b>				
Quality		ISO 9001, ISO 14001, ISO 27001, ISO 45001, ISO 50001, RoHS		
Safety		IEC/EN62040-1		
EMC / Performance		IEC/EN62040-2; IEC/EN62040-3, Complying to CE		
<b>PHYSICAL</b>				
Dimension WxDxH (mm)		500x580x655	884x850x1200	
Net Weight (Kg)		124	227	264
<b>COMMUNICATION INTERFACE</b>				
Standard		RS-232		
Optional		SNMP / ModBus / Dry Contact / USB / RS-485		
Monitoring Software		NetAgent Utility v5.8 / View Power / UPSilon 2000 / Muser 4000		

\*Conditions apply.  
Specifications are subject to change without prior notice.

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POWER IS ON

