

Giganet UIC-P series UPS is a three-phase in and one phase-out online transformer-based UPS, which ensure maximum protection and power quality for any type of load, especially for mission critical applications, data centres, security systems and electro-medical equipment, industrial processes and telecommunications.reliability.

**3:1** Phase

**0.8** PF



### FEATURES

True online double conversion design
Build-in input and output transformer with strong galvanic isolation
Wide input range, avoid frequently transfer to battery mode, prolong the battery lifetime
With parallel function, flexibly response to the expansion and redundancy requirement
Intelligent battery management technology, fully protect battery
Battery cold start function
Comprehensive and reliable protection

Model	GN-UIC60L	GN-UIC80L	GN-UIC100L	GN-UIC150L	GN-UIC200L	GN-UIC300L	GN-UIC400L
Capacity VA/Watts	6kVA/4.8kW	8kVA/6.4kW	10kVA/8kW	15kVA/12kW	20kVA/16kW	30kVA/24kW	40kVA/32kW
<b>INPUT</b>							
Operating Voltage Range	380Vac (± 20%), (3Ph+N+PE)						
Operating Frequency Range	50/60Hz (± 5%)						
Power Factor	> 0.97 (with filter)						
Max.Input Current(A)	14	18	23	34	45	68	90
<b>OUTPUT</b>							
Output Voltage	220Vac(1 ± 1%)						
Output frequency	50/60Hz(1 ± 1%)						
Crest factor	3:1(max)						
Efficiency	6~8KVA: 85% online 10~40KVA: 90% online						
Harmonic Distortion (THDv)	< 1.5% with linear load						
<b>BATTERY</b>							
Battery voltage	192Vdc					240Vdc	
<b>SYSTEM FEATURES</b>							
Transfer time	Utility Battery : 0ms						
Overload	Load ≤ 125% / 1min; ≤ 150% / 200ms, to Bypass						
LED display	Battery low, Mains status, Inverter, Bypass, UPS failure, Overload						
LCD display	I/O voltage, Frequency, Battery voltage, Load percentage, Internal temperature						
Communication Interface	RS232, SNMP (optional), Dry contact, RS485						
<b>PHYSICAL</b>							
Dimension W × D × H (mm)	305*585*864			409*798**1044		555*741*1200	600*800*1200
Net Weight ( 48V/192V ) (kg)	100	110	120	145	155	255	336
<b>ENVIRONMENT</b>							
Operating Temperature	0~40° C						
Storage Temperature	-25° C ~ 55° C						
Humidity Range	0~95% (Non-condensing)						
Altitude	< 1500m						
Noise level	< 55dB						
<b>STANDARDS</b>							
Safety	IEC/EN62040-1 ; IEC/EN60950-1						
EMC	IEC/EN62040-2, IEC61000-4-2, IEC61000-4-3, IEC61000-4-4, IEC61000-4-5, IEC61000-4-6, IEC61000-4-8						