

## Technical Specification

MODEL	UIC60L	UIC80L	UIC100L	UIC150L	UIC200L	UIC300L	UIC400L
Capacity (VA/Watts)	6kVA/4.8k W	8kVA/6.4k W	10kVA/8k W	15kVA/12k W	20kVA/16k W	30kVA/24k W	40kVA/32k W
<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(±0.5%) / 230Vac(±0.5%)						
Output frequency	50/60Hz(±0.5%)						
Efficiency	6~8KVA: 85% online 10~40KVA: 90% online						
Harmonic Distortion (THDv)	< 1.5% with linear load						
Crest factor	3:1 (max)						
<b>BATTERY</b>							
Battery voltage	192Vdc					240Vdc	
<b>SYSTEM FEATURES</b>							
Transfer time	0ms (Line mode →Battery mode)						
Overload	≤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(optional), RS485						
<b>ENVIRONMENT</b>							
Operating Temperature	0°C ~ 40°C						
Storage temperature	-25 ~ 55°C						
Humidity range	0 ~ 95% (non-condensing)						
Altitude	<1500m						
Noise level	<55dB						
<b>PHYSICAL</b>							
Dimension WxDxH (mm)	305x585x864					430x830x1100	
Net Weight (S / H) (kg)	100	110	120	145	155	255	280

STANDARDS	
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