

Technical Specifications						
UPS Code	U9010LGTBKL	U9020LGTBKL	U9030LGTBKL	U9040LGTBKL	U9060LGTBKL	U9080LGTBKL
Capacity (VA / W)	10k / 9k	20k / 18k	30k / 27k	40k / 36k	60k / 54k	80k / 72k
INPUT						
Operating voltage range	380/400/415 Vac (380-25% , 415+20%) , (3Ph + N + PE)					
Operating frequency range	50/60 Hz (±5Hz)					
Power factor	≥ 0.98(with filter)					
OUTPUT						
Output voltage	380/400/415 Vac (±1%)					
Output frequency	50/60 Hz (±0.05%)					
Harmonic distortion (THD)	<3% (linear load)					
Crest factor	3:1 (Max.)					
EFFICIENCY						
Efficiency	>89%	>90%	>91%		>92%	
BYPASS						
Rated voltage	380/400/415 Vac					
Rated frequency	50/60 Hz					
Voltage protection range	Upper limit: +20% (+10%, +15%, +20% adjustable) Lower limit: -40% (-10%, -20%, -30%, -40% adjustable)					
Frequency protection range	±10% (±2.5, ±5%, ±10%, ±20% adjustable)					
BATTERY						
Battery voltage	384 Vdc					
SYSTEM FEATURES						
Transfer time	0 ms (Line mode ↔ Battery mode)					
Overload	110%/60min , 125%/10min , 150%/1min					
LED display	Input , Inverter , Bypass , Battery , Output , Status					
LCD display	I/O voltage , frequency , power , power factor , battery voltage , current , battery status , load percentage , UPS status , history record					
Communication interface	Dry contact , RS232 , R485 , SNMP card (Optional)					
Optional	Harmonic filter , SNMP adapter , LBS cables , battery temperature sensor , Bypass current - sharing inductor					
ENVIRONMENTAL						
Operating temperature	0 ~ 40 °C					
Storage temperature	-25 °C ~ 55 °C					
Humidity range	0 ~ 95% (non-condensing)					
Altitude	<1500m					
Noise level	<60 dB			<65 dB		
PHYSICAL						
Dimension (D x W x H)(mm)	800 x 570 x 1195				760 x 880 x 1600	
Net weight (kg)	217	273	316	330	483	525
Shipping weight (kg)	272	328	371	385	553	595
STANDARDS						
Safety	IEC/EN62040-1 ; IEC/EN60950-1					
EMC	IEC/EN62040-2 ; IEC61000-4-2 ; IEC61000-4-3 ; IEC61000-4-4 ; IEC61000-4-5 ; IEC6100-4-6 ; IEC6100-4-8					

Technical Specifications				
UPS Code	U9100LGTBKL	U9120LGTBKL	U9160LGTBKL	U9200LGTBKL
Capacity (VA / W)	100k / 90k	120k / 108k	160k / 144k	200k / 180k
INPUT				
Operating voltage range	380/400/415 Vac (-25% , +20%) , (3Ph + N + PE)			
Operating frequency range	50/60 Hz (±5Hz)			
Power factor	0.98(with filter)			
OUTPUT				
Output voltage	380/400/415 Vac (±1%)			
Max. output current	152A	182A	243A	304A
Output frequency	50/60 Hz (±0.05%)			
Harmonic distortion (THD)	<2% (linear load)			
Crest factor	3:1 (Max.)			
EFFICIENCY				
Efficiency	>92%	>92%	>92%	>92.5%
BYPASS				
Rated voltage	380/400/415 Vac			
Rated frequency	50/60 Hz (auto-sensing)			
Voltage protection range	Upper limit: +20% (+10%, +15%, +20% adjustable) Lower limit: -40% (-10%, -20%, -30%, -40% adjustable)			
Frequency protection range	±10% (±2.5, ±5%, ±10%, ±20% adjustable)			
BATTERY				
Battery voltage	384 Vdc			
SYSTEM FEATURES				
Transfer time	0 ms (Line mode <----> Battery mode)			
Overload	110%/60min , 125%/10min , 150%/1min			
LED display	Input , Inverter , Bypass , Battery , Output , Status			
LCD display	I/O voltage , frequency , power , power factor , battery voltage , current , battery status , load percentage , UPS status , history record			
Communication interface	Dry contact , RS232 , RS485 , SNMP card (Optional)			
Optional	Harmonic filter , SNMP adapter , LBS cables , battery temperature sensor , Bypass current - sharing inductor			
ENVIRONMENTAL				
Operating temperature	0 ~ 40 °C			
Storage temperature	-25 °C ~ 55 °C			
Humidity range	0 ~ 95% (non-condensing)			
Altitude	<1500m			
Noise level	<65 dB			
PHYSICAL				
Dimension (D x W x H)(mm)	805 x 1160 x 1600		945 x 1400 x 1900	
Net weight (kg)	800	903	1219	1425
Shipping weight (kg)	890	993	1349	1555
STANDARDS				
Safety	IEC/EN62040-1 ; IEC/EN60950-1			
EMC	IEC/EN62040-2 ; IEC61000-4-2 ; IEC61000-4-3 ; IEC61000-4-4 ; IEC61000-4-5 ; IEC6100-4-6 ; IEC6100-4-8			

*specification are subject to change without prior notice.