

## 9300LRB Series 6-20KVA (Rack or Tower Convertible)



- > Individual power distribution unit (PDU) maintenance bypass switch (Optional for Input / Output: 220V,230V,240V)
- > N+X parallel redundancy and capacity expansion (Optional)
- > High performance true double conversion On Line UPS
- > External battery bank (Optional) to extend back-up time
- > Microprocessor control guarantees high reliability
- > Low heat dissipation in long time operation
- > Emergency power-off function (EPO)
- > Input THDi <5% / Output THD <2%
- > High efficiency mode (ECO mode)
- > Isolation transformer (Optional)
- > Maintenance bypass (Optional)
- > Output voltage regulation <1%
- > Automatic self-testing function
- > Power management software
- > Fan speed control & DC start
- > Output power factor 0.9

MODEL	IDEAL-9306LRB-12U		IDEAL-9310LRB-12U		IDEAL-9320LRB-19U	
CAPACITY	6KVA/5.4KW		10KVA/9KW		20KVA/18KW	
<b>INPUT</b>						
Phase	1 Phase 2 Wires + Ground					
Voltage	208/220/230/240Vac					
Frequency	50Hz or 60Hz (Auto-sensing)					
THDi	<5% with R Full Load					
<b>OUTPUT</b>						
Phase	1 Phase 2 Wires + G or 1 Phase 3 Wires +G (with Isolation Transformer)					
Voltage	1 Phase 2 Wires + G: 208/220/230/240Vac or 1 Phase 3 Wires +G (with Isolation Transformer): 110/220Vac or 115/230Vac or 120/240Vac					
Voltage Regulation	+/- 1% (+/-2% with Isolation Transformer)					
Frequency (Battery Mode)	50Hz or 60Hz +/-0.05Hz					
Waveform	Pure Sinewave					
THD	<2% (Linear Load) or <5% (Non-Linear Load)					
Crest Ratio	3:1					
<b>EFFICIENCY</b>						
To AC Mode	>92% at Full Load and Battery Full Charged					
To Battery Mode	>92% at Full Load and 12VDC/Battery					
ECO Mode	>96% at Full Load and Battery Full Charged					
<b>BATTERY</b>						
Voltage	240VDC					
Type	12V/7AH*20pcs	Extendable	12V/9AH*20pcs	Extendable	12V/9AH*20pcs*2sets	Extendable
Recharge Time	7Hrs to 90%	Depend on Capacity of External Battery	8Hrs to 90%	Depend on Capacity of External Battery	8Hrs to 90%	Depend on Capacity of External Battery
<b>TRANSFER TIME</b>						
Line <-> Battery	0ms					
Inverter <-> Bypass	0ms					
ECO Mode <-> Inverter	<10ms					
<b>DISPLAY</b>						
LED	Normal (Green), Bypass (Yellow), Fault (Red), Battery (Yellow)					
LCD	Load Level/Battery Voltage/Battery Mode/AC Mode/Bypass Mode Information					
<b>AUDIBLE ALARM</b>						
Battery Mode	Sounding every 4 seconds					
Low Battery	Sounding every second					
Overload	Sounding twice every second					
UPS Fault	Continuously sounding					
<b>COMMUNICATIONS</b>						
Interface(Port)	Dry Contact (Optional) ; USB					
Intelligent Slot	Slot for SNMP or AS400 card (Optional)					
EPO	Emergency Power Off					
<b>ENVIRONMENT</b>						
Temperature	0°C-40°C (32°F-104°F)					
Humidity	0-95% (Non-condensing)					
Acoustic Noise	<50dB at 1M					
<b>PHYSICAL</b>						
Dimension(D*W*H)	440*528*630mm (12U)				440*528*836mm (19U)	

\*Product specifications are subject to change without further notice.