

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	
INPUT							
Phase	1 Phase 2 Wires + Ground						
Voltage	208/220/230/240Vac						
Frequency	50Hz or 60Hz (Auto-sensing)						
THDi	<5% with R Full Load						
OUTPUT							
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						
EFFICIENCY							
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						
BATTERY							
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	
TRANSFER TIME							
Line <-> Battery	0ms						
Inverter <-> Bypass	0ms						
ECO Mode <-> Inverter	<10ms						
DISPLAY							
LED	Normal (Green), Bypass (Yellow), Fault (Red), Battery (Yellow)						
LCD	Load Level/Battery Voltage/Battery Mode/AC Mode/Bypass Mode Information						
AUDIBLE ALARM							
Battery Mode	Sounding every 4 seconds						
Low Battery	Sounding every second						
Overload	Sounding twice every second						
UPS Fault	Continuously sounding						
COMMUNICATIONS							
Interface(Port)	Dry Contact (Optional) ; USB						
Intelligent Slot	Slot for SNMP or AS400 card (Optional)						
EPO	Emergency Power Off						
ENVIRONMENT							
Temperature	0°C-40°C (32°F-104°F)						
Humidity	0-95% (Non-condensing)						
Acoustic Noise	<50dB at 1M						
PHYSICAL							
Dimension(D*W*H)	440*528*630mm (12U)					440*528*836mm (19U)	

*Product specifications are subject to change without further notice.