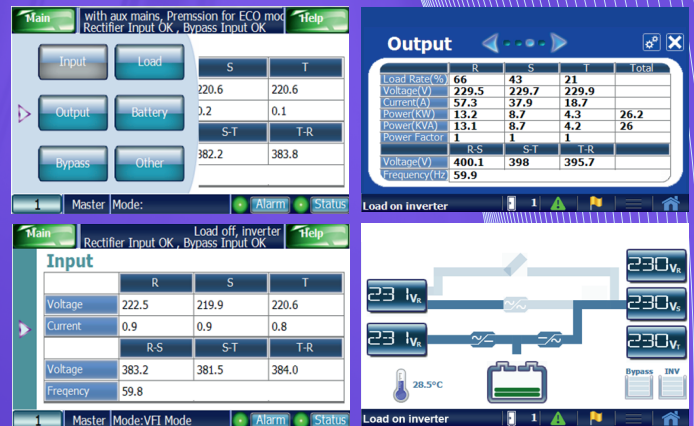


UNICORN Series Three Phase On-Line UPS 40KVA、80KVA

- 3 Level Inverter Design
- Efficiency Up to 96%
- High Input Power Factor >0.99
- Low Input Harmonic Current, THDi <3%
- Output Power Factor 1.0
- Wide Input Voltage Range, Suitable for Critical Application
- Up to 6 Units in Parallel
- Available Common Battery Used for Parallel Redundant System
- Build in Static Switch and Maintenance Switch to Ensure No Risk of Power Interruption.
- LCD Touch Screen and Support Multi-language Display.



UNICORN Series
Three Phase On-Line UPS

Capacity	40KVA	80KVA
Input		
Voltage	400V 3 Phase + N	
Voltage Tolerance	±20% @100% load, -40% ~-20% @50% load	
Frequency	40 ~ 70Hz	
Power Factor	≥ 0.99	
THDi	<3%	
Output		
Voltage	380/400/415V 3 Phase + N	
Voltage Tolerance	±1% (Static Load)	
Power Factor	1.0	
Frequency	50/60Hz	
Frequency Tolerance	±0.5% (free running ±0.01Hz)	
Crest Factor	3:1	
Voltage Harmonic Distortion	≤1% with linear load	
	≤3% with distorting load	
Overload	110% for 60 minutes, 125% for 10 minutes, 150% for 1minutes	
Transfer Time		
Utility failure	No interruption	
Bypass to Inverter	Less than 2ms	
Efficiency		
VFI Mode	Up to 96%	
ECO Mode	>98%	
Environment		
Storage Temperature	-20 ~ 70°C	
Operation Temperature	0~40°C (20 ~ 25°C is recommended for extend batteries life time)	
Operation Humidity	0~95% (w/o condensation)	
Noise (at 1 meter)	≤ 55dB	≤ 60dB
Operating Altitude	<1000 m without derating	
Certificate		
Safety	IEC 62040-1	
EMC	IEC 62040-2	
Other		
Parallel	Up to 6 units	
Common Battery	Available	
Parallel Communication Kit	Option	
Battery Cold Start Kit	Option	
Communication Card	Option (SNMP, RS-485 and Dry Contact Cards)	
Dimensions (W x D x H) mm	440 x 810 x 1390	600 x 827 x 1253 (w/o wheel)
		600 x 827 x 1345 (Wheel type)
Protection Grade	IP20	
HMI	4.3" Colorful LCD Touch Screen	

* Specifications subject may change, please consult URECO for the update.