

True on-line double conversion design

# Myria Series

(60-200kW)



4.3" Touch Screen



7" Touch Screen



Normal Mode



Bypass Mode



Warning Mode



## Green Power

- AC/AC efficiency up to 96.5% and 30% load up to 95% efficiency reduces heat dissipation and limits power consumption costs
- High input power factor up to 0.99 and low Input THDi: < 3.0% at full load, much less grid pollution and costs
- Intelligent sleep mode which UPS sleep in random keep maximum efficiency and energy saving



## Flexible Design

- Colorful 4.3" and 7" touch screen with LED Indicators, ensure comprehensive and visualized information display.
- Multicolor LED bar allowing quick and easy detection of the system status and simplified trouble shooting
- Main unit display allow to check the information of each UPS status during parallel mode.



## Advanced Technology

- Latest generation IGBT and three level technology, Low harmonic, high efficiency, effectively energy-saving.
- The most advanced and dual DSP control prevents single failure point and increase performance.
- Intelligent fan control and redundant design: 15% load can be driven when 2 fans fail and 40% load when 1 fan fails
- Anti-corrosion resistant coating for all PCB boards
- Separate internal air channel which hot air drives directly towards heat sink without distressing the PCB's and other internal sensitive components



ISO 9001  
ISO 14001  
ISO 45001  
Factory Certificate



TIS. 1291 Part 1-2553  
TIS. 1291 Part 2-2553  
TIS. 1291 Part 3-2553

## Technical Specification

MODEL	MY60	MY80	MY100	MY120	MY160	MY200
<b>INPUT</b>						
Voltage (Vac)	380/400/415 (138~485 L-L)					
Frequency (Hz)	40~70					
Power Factor	≥0.99					
Phase	3 Phase 4 Wire (L1,2,3+N+G)					
THDi at full linear load	<3% (linear load)					
<b>BYPASS</b>						
Bypass Voltage (Vac)	380/400/415					
Voltage Range	-20% (-10%/-15%/-30%selectable)/+15% (10%/20%/25% selectable)					
Overload	≤130%: long run; 130%< load ≤150%: 5min; 150%< load ≤200%: 1s; 200%< load≤300%: 100ms; >300%: immediately.					
<b>OUTPUT</b>						
Capacity (kVA/kW)	60/60	80/80	100/100	120/120	160/160	200/200
Power Factor	1					
Voltage (Vac)	380/400/415±1%					
Frequency (Hz)	50/60±0.1% (Battery mode)					
Phase	3 Phase 4 Wire (L1,2,3+N+G)					
Three Phase Difference	≤1%					
THDv	<1% at linear load, <4% at non-linear load					
Transfer Time (ms)	0					
AC-AC Efficiency	up to 96.5%					
Overload	101-105% Long run, 106-110% load for 60 minutes, 111%-125% load for 10 minutes, 126%-150% load for 1 minute, over 150% load transfer to bypass					
<b>BATTERY</b>						
Sealed, Maintenance-free lead acid batteries (LITHIUM-ION BATTERY are Optional)						
Battery Voltage (Vdc)	±192 (±168 ~±288 adjustable)			±240 (±168 ~±288 adjustable)		
Battery Type	External					
Charging Current (A) MAX	30				60	
<b>GENERAL</b>						
Communication Interface	RS485, MODBUS, dry contact (RS232, BMS,SNMP, expend dry contact card are optional in slot)					
Display	4.3" Touch screen+LED+LED bar				7" Touch screen+LED+LED bar	
Alarm	AC input abnormal, low battery, overload, failure					
Protection	Output short-circuit, overload, over-temperature, battery low voltage, output over/low voltage					
Noise (dB)	<65			<70		
Altitude(m)	0-2000 no derate. 2000-3000 m derate power by 1% per each 100 m increase					
IP	IP20					
Working Temperature (°C)	0 ~ 40 no derate,40~50 auto derate.					
Relative Humidity	0 ~ 95%, no condensation					
Dimension (W×D×H)(mm)	400×960×1200				600×1000×1600	
Weight (kg)	145	161			312	

- Specification is subject to change without prior notice.