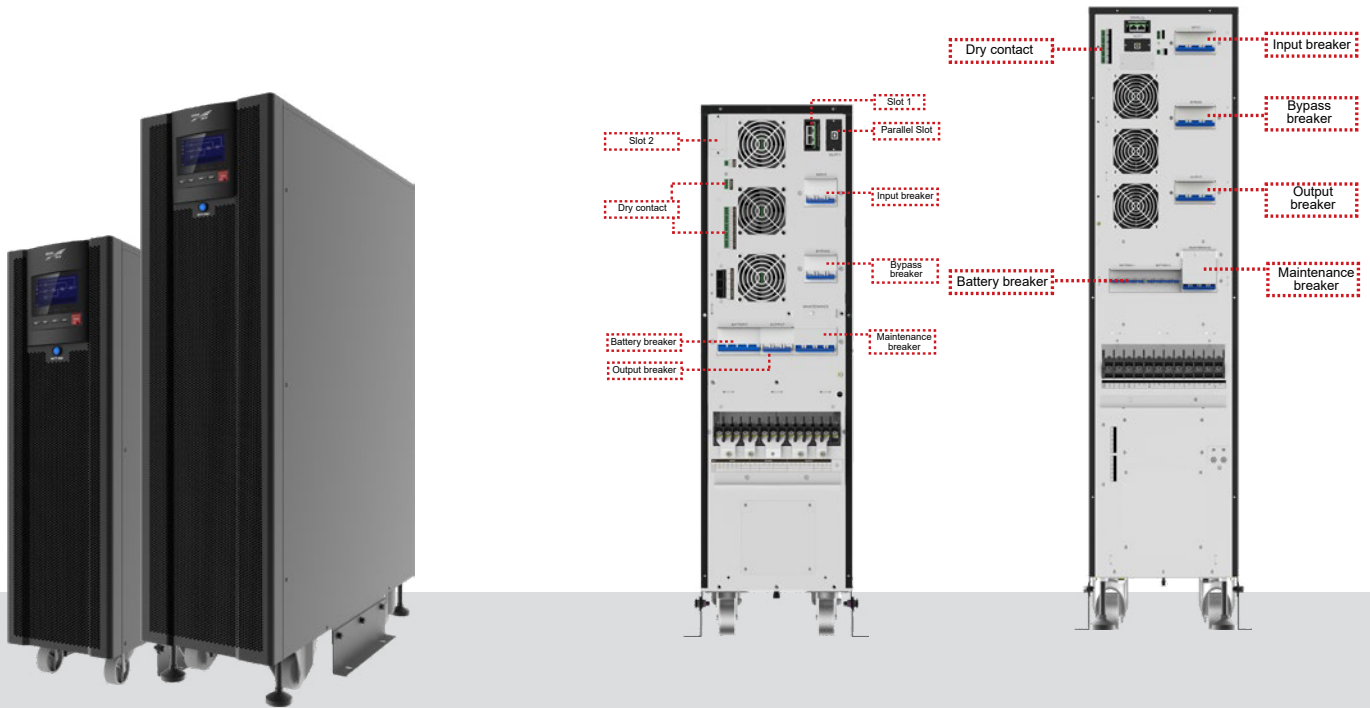


True on-line double conversion design

Myria Series

(10-40kW)



Green Power

- AC/AC efficiency up to 96%, less TCO and more energy saving
- Output power factor up to 1.0, more powerful to connect more critical loads
- 3 level IGBT technology for higher efficiency and less interference to grid



Flexible Design

- Adjustable output voltage
- Built-in battery and flexible battery configuration
- Common battery bank
- Easy onsite parallel slot modification
- Wheel design
- Options are displayed in 7 languages: English, Russian, Chinese, Spanish, Polish, Italian and Korean



Advanced Technology

- Super wide input voltage range -65%~+20% for higher grid adaptability
- Dual DSP control for high performance
- Intelligent fan speed control reduce noise and prolong fan life
- Anti-corrosion resistant coating for all PCB boards
- Full protection with input, output, bypass, maintenance bypass and battery breaker
- ECO mode and EPO function



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	MY10	MY20	MY30	MY40	
INPUT	3 Phase 4 Wire (L1,2,3+N+G) (can be set as 1 Phase 3 Wire (L+ N+G))		3 Phase 4 Wire (L1,2,3+N+G)		
Phase (Input : Output)	3:3 / 3:1 / 1:1		3:3 / 3:1		
Voltage (Vac)	80-280 (L-N)/138-485 (L-L)		138-485 (L-L)		
Frequency (Hz)	40-70				
Power Factor	≥0.99				
THDi at full Linear load	<3%				
Dual Main Input	Yes				
OUTPUT	3 Phase 4 Wire (L1,2,3+N+G) (can be set as 1 Phase 3 Wire (L+ N+G))		3 Phase 4 Wire (L1,2,3+N+G)		
Capacity (kVA/kW)	10/10	20/20	30/30	40/40	
AC/AC Efficiency (Max.)	96%				
Power Factor	1.0				
Voltage (Vac)	220/230/240±1% (L-N) 380/400/415±1%(L-L)				
Frequency (Hz)	50/60±0.1 (battery mode)				
THDv	≤2% (linear load), ≤4% (non-linear load)		≤1% (linear load), ≤4% (non-linear load)		
Crest Factor	3:1				
Overload	110% load for 60 mins, 130% load for 10 mins, 155% load for 1 min, above 155%-200% load for 200ms				
EPO	Remote and Local				
Cold Start	Yes				
BATTERY	Sealed, Maintenance-free lead acid batteries (LITHIUM-ION BATTERY are Optional)				
Voltage (Vdc)	±192 (±96 ~±240 adjustable)	±192 (±144 ~±240 adjustable)*			
Internal Battery	16~40*9AH/12V	24~40*9AH/12V	48~80*9AH/12V		
Charging Current (A)	1-10 settable		1-20 settable		
GENERAL					
Communication Interface	RS485+EPO+Dry contact (1 input,5 output)(SNMP are optional in slot)				
Display	4.3 Inch Touch Screen+ LED+ Physical buttons				
Alarm	Low battery, abnormal AC input, UPS failure, etc.				
Protection	Low battery, overload, short-circuit and over temperature, etc.				
Noise (dB)	<55				
Working Temperature (°C)	-5~40				
Relative Humidity	0 ~ 95%, no condensation				
Altitude (m)	2000, no derate				
Dimension (W×D×H)(mm)	250×755×880		300×785×1250		
Weight (kg)	with Battery	98 (20 *9AH)	132 (32*9AH)	240 (64*9AH)	240 (64*9AH)
	without Battery	50		85	
	with TX	143		240	

● Specification is subject to change without prior notice.

* Capacity will derate when battery voltage between ±144~±180