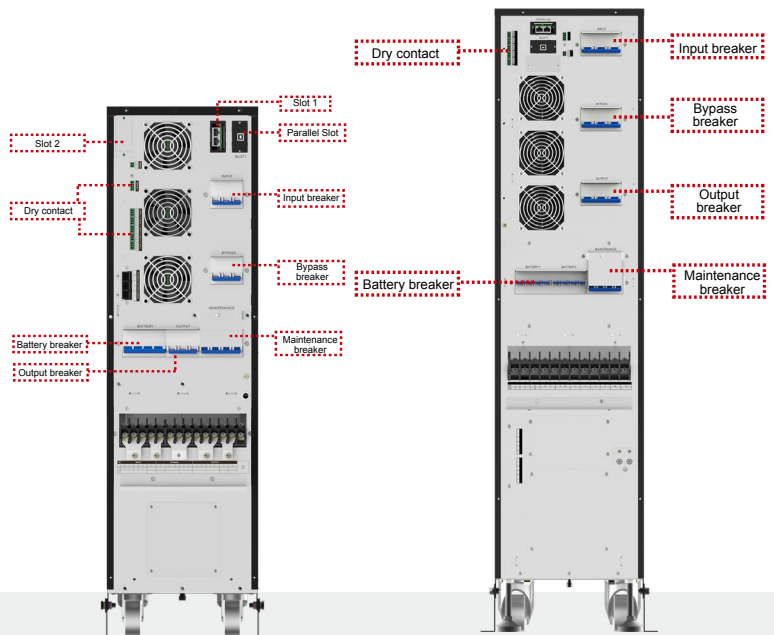


# Myria Series

(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

## Technical Specification

MODEL		MY10	MY20	MY30	MY40
INPUT					
Phase		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% (linear load)			
Dual Main Input		Yes			
OUTPUT					
Capacity (kW)		10	20	30	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					
Voltage (Vdc)		±96 (±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