



# Myria Series

## Online UPS 10~40kVA

- » Adjustable input and output configuration
- » High AC/AC efficiency up to 96%
- » High output power factor up to 1.0
- » Common battery bank
- » Optional 4.3 inch touch screen

### High Reliable

- Super wide input voltage range -60%~+25% for higher grid adaptability
- Dual DSP control for top performance
- Intelligent fan speed control reduce noise and prolongs 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

### Green Power

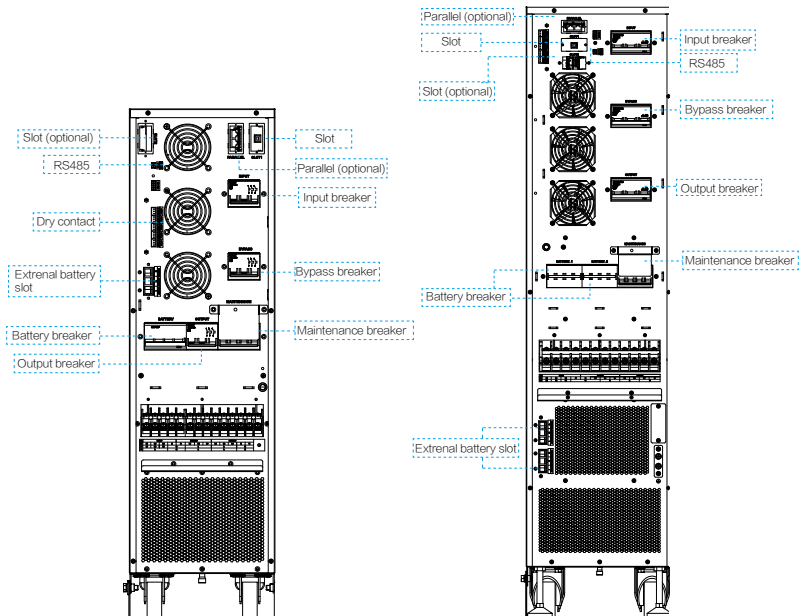
- AC/AC efficiency up to 96%, less TCO and more energy saving
- Output power factor up to 1.0, more powerful to connect more critical loads
- 3 level IGBT technology for higher efficiency and minimized interference to grid

### Flexible Design

- Adjustable input and output
- 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

### Ecological Power Network

### Typical Applications:



## Technical Specification

Rated Power	10kVA	15kVA	20kVA	30kVA	40kVA
<b>Input</b>					
Voltage (Vac)	80–280 (L–N)/138–485 (L–L)			138–485 (L–L)	
Phase	1:1/3:1/3:3			3:1/3:3	
Frequency (Hz)	40–70				
Power Factor	≥0.99				
THDi	<3%				
<b>Output</b>					
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	THD <2% (linear load), THD <4% (nonlinear load)			THD <1% (linear load), THD <3% (nonlinear load)	
Crest Factor	3:1				
Overload <sup>1</sup>	115%~130% load for 15 min, 131%~155% load for 1 min, >155% load: change to bypass immediately				
ECO Mode	Yes				
<b>Battery</b>					
Voltage (Vdc)	± 96 default (± 96~± 240 adjustable)	± 192 default (± 144~± 240 adjustable) <sup>2</sup>			
Internal Battery	16~40 × 7AH/12V	24~40 × 7AH/12V		48~80 × 7AH/12V	
Charging Current (A)	4 (1–10 settable)			15 (1–20 settable)	
<b>Other</b>					
Communication Interface	RS485, EPO, dry-contact Optional: RS232, SNMP				
Display	LCD/Touch screen				
Alarm	Low battery, abnormal AC input, UPS failure, etc.				
Protection	Low battery, overload, short-circuit and over temperature, etc.				
Noise (dB)	<55			<50	
Working Temperature (° C)	–5~40				
Altitude	0 to 2,000 m at 100% load				
Relative Humidity	0 ~ 95%, no condensation				
Dimension (W × D × H)(mm)	250 × 755 × 880			300 × 785 × 1250	
Weight (kg)	with Battery	86 (16 × 7AH)	118.5 (32 × 7AH)		207 (64 × 7AH)
	without Battery	50			85

1. Test condition: PF=0.9

2. Capacity will derate to 75% when battery voltage between ± 144~± 180

• Specification is subject to change without prior notice

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