

## Myria Series

### Online UPS 10~40kVA

- » Multi-functional LCD
- » Adjustable Input and Output Configuration
- » High AC/AC Efficiency up to 96%
- » High output power factor 1.0
- » 4 Units Parallel
- » Compact footprint with integrated autonomy
- » Intergrated with input,output,bypass,maintenance bypass

#### High Reliable

- Super wide input voltage range -60%~+25% for high grid adaptability and prolong battery service life.
- Dual DSP control for top performance and reliability.
- Intelligent fan speed control reduces the noise and prolongs fan service life.
- Anti-corrosion resistant coating in all PCB boards.
- Full protection with input,output,bypass, maintenance bypass and battery breaker.
- Generator compatible ensure clean power for extend power outage.
- Remote EPO function for immediatly remove power from connected load in the event of emergency.

#### Green Power

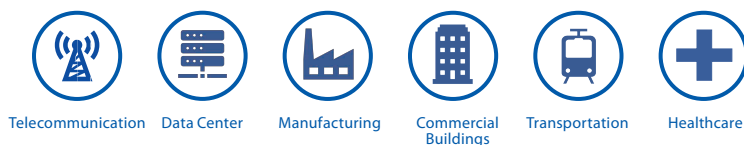
- AC/AC efficiency up to 96%,ECO mode up to 99%, less TCO and more energy saving.
- Output power factor up to 1.0, more powerful to connect more critical loads.
- 3 level inverter and IGBT technology ensure input PF>0.99 and low THDi <3% for maximum upstream sources compatibility.

#### Flexible Design

- Multi-functional LCD with 1000 pcs event logs.
- Adjustable input and output phase 3:3/3:1/1:1.
- Compact footprint of Integrated autonomy and external slot.
- Common battery bank in 2 units parallel system.
- Easy onsite parallel slot modification up to 4 units.
- Wheel design easy for movement and relocation.
- Isolation transformer can house in cabinet.

### Ecological Power Network

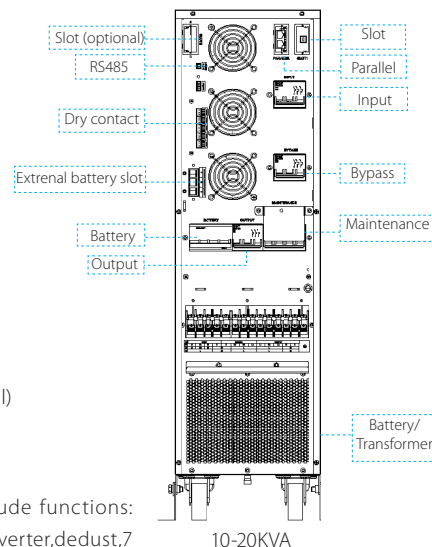
#### Typical Applications:



2.8 inch LCD



4.3 inch touch screen(optional)



#### Optional

- 4.3 inch touch screen (include functions: self-load test,frequency converter,dedust,7 languages,10000 pcs event log, short circuit time settable 0 -200ms)
- Lithium battery compatible
- Internal input/output isolation transformer
- Dust filter kit

## Technical Specification

Capacity	10KVA	15KVA	20KVA	30KVA	40KVA	
<b>Input</b>						
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%					
Dual Main Input	Yes					
<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 <1% (linear load), THD <3% (nonlinear load)					
Crest Factor	3:1					
Overload	105% load for long run, 110%load for 60 mins, 130% load for 10 mins, 155% load for 1 min, above 155% load for 200ms					
Cold Start	Yes					
<b>Battery</b>						
Voltage (Vdc)	±120(±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		
<b>Other</b>						
Communication Interface	RS485+EPO+Dry contact(1 input,5 output)(RS232+dry contact, SNMP are optional in slot)					
Display	LCD(4.3 Inch Touch Screen optional)					
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 (WxDxH)(mm)	250*755*880			300*785*1250		
Weight (kg)	with Battery	98(20×9AH)	127(32×9AH)	144(40*9AH)	240(64*9AH)	264(80*9AH)
	w/o Battery	53	53	53	85	85
	with TX	143	143	143	240	240

• Specification is subject to change without prior notice

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

Kehua Hengsheng Co., Ltd.

Add: No. 457, Malong Road, Torch High-Tech Industrial Zone, Xiamen Fujian China

Tel: +86-592-5160516 Fax: +86-592-5162166 www.kehua.com

