

# Catalog



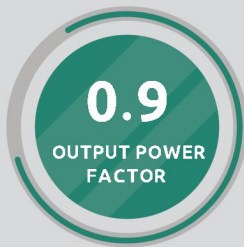
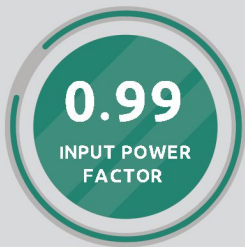
# Gök

e n e r g y

**Uninterruptible Power Supply**  
A N D B A T T E R Y

# GK Series 10-40KVA

3:3 Phase PF 0.9



Relay card



SNMP

## Features:

- High power density design.
- N+X parallel redundancy, support maximum 4 units in parallel.
- Online double conversion with DSP control.
- Input current harmonic: <3%.
- Wide input voltage range: 208~478Vac.
- Wide input frequency range 40~70Hz.
- Optimization battery group, the quantity of battery  
10~30kVA: 16/18/20pcs (30~50pcs is optional)  
40kVA: 30~50pcs.
- Maximum charging current up to 20A (Settable).
- Dual input source (optional for standard unit).
- Colorful 2.4 inch TFT LCD display and 7 inch LCD display LCD are optional.
- Versatile LCD human-computer interface.
- Generator compatible.
- ECO mode operation for energy saving.
- Intelligent fan speed regulation.
- Self-testing when UPS startup.
- 50/60Hz frequency converter mode.
- The output can meet 100% unbalanced load.
- Multiple protection function: short-circuit, overload, overheat, battery overcharge and overdischarge, output low voltage and fan fault alarm.
- Multiple communication interface: USB, RS232, RS485, Parallel port, Dry contact, Intelligent slot, SNMP card (Optional), Relay card (Optional), Battery temperature sensor (Optional)



SNMP



Parallel cable



# GK Series 10-40KVA

## 3:3 Phase PF 0.9

### Technical Specifications:

MODEL	GK3310VS	GK3315VS	GK3320VS	GK3330VS	GK3340VS
Capacity	10kVA / 9kW	15kVA / 13.5kW	20kVA / 18kW	30kVA / 27kW	40kVA / 36kW
<b>INPUT</b>					
Nominal voltage	380/400/415Vac (3Ph+N+PE)				
Operating voltage range	305~478Vac(Full load); 208~478Vac(50% load)				
Operating frequency range	40~70Hz (50/60Hz Auto-Sensing)				
Power factor	≥0.99				
Bypass voltage range	Max.voltage:220V:+25% (Optional+10%,+15%,+20%) 230V:+20% (Optional+10%,+15%) 240V:+15% (Optional+10%) Min.voltage:-45% (Optional-20%,-30%)				
Frequency protection range	50/60Hz ± 10%				
ECO range	Same as bypass				
Harmonic distortion (THDi)	≤3% Linear load				
<b>OUTPUT</b>					
Output voltage	380/400/415Vac (3Ph+N+PE)				
Voltage regulation	± 1%				
Power factor	0.9				
Output Frequency	Line Mode	± 1%/ ± 2%/ ± 4%/ ± 5%/ ± 10% of the rated frequency (Optional)			
	Bat. Mode	50/60(± 0.1%)Hz			
Transfer time	AC mode to Bat.Mode	0ms			
	Inverter to Bypass	0ms			
Output waveform	Pure Sinewave				
Crest factor	3:1				
Harmonic distortion (THDv)	≤2% Linear load ≤5% Non linear load				
Overload	AC mode	≤ 110%,last 60min; ≤ 125%,last 10min; ≤ 150%,last 1min; > 150% turn to bypass Immediately			
	Bat.mode	≤ 110%,last 10min; ≤ 125%,last 1min; ≤ 150%,last 5s; > 150% turn to bypass Immediately			
<b>EFFICIENCY</b>					
Efficiency	up to 93.5%			up to 94.5%	
<b>BATTERY</b>					
Battery voltage	Standard unit	± 120Vdc (20pcs 12V9Ah); (20pcs 12V7Ah、 2x20pcs 12V7/9Ah optional)	± 120Vdc (2x20pcs 12V9Ah) (2x20pcs 12V7Ah optional)	± 120Vdc (3x20pcs 12V9Ah) (3x20pcs 12V7Ah optional)	± 180Vdc (2x30pcs 12V9Ah) (2x30pcs 12V7Ah optional)
	Long run unit	10~30kVA: ± 96/108/120Vdc; battery quantity(16~20pcs, 16pcs default, Standard unit and 20pcs no power derating;18pcs output power factor 0.8/0.9;16pcs output power factor 0.7/0.8;) 10~30kVA (Optional): ± 180/192/204/216/228/240/252/264/276/288/300Vdc (30/32/34/36/38/40/42/44/46/48/50pcs optional)			40kVA: ± 180/192/204/216 /228/240/252/264/276/288/ 300Vdc(30/32/34/36/38/40/ 42/44/46/48/50pcs )
Charge Current (charge current can be set according to battery capacity installed)	Standard unit	1.35A (2.7Aoptional)	2.7A	4.05A	2.7A
	Long run unit	14A Max.	16A Max.	18A Max.	20A Max.
<b>PHYSICAL</b>					
Dimension	Standard unit	250 x 900 x 868			
W x D x H (mm)	Long run unit	250 x 580 x 655			
Net weight (kg)		129/35	186/39	187/40	236/43
<b>ENVIRONMENTAL</b>					
Operating temperature	0 ~ 40°C				
Storage temperature	-25 ~ 55°C (No battery)				
Humidity range	0 ~ 95% (Non condensing)				
Altitude	<1500m,derating required when>1500m				
Noise level		<55dB	<58dB	<61dB	<64dB
<b>STANDARDS</b>					
Safety	IEC/EN62040-1,IEC/EN62477-1				
EMC	IEC/EN62040-2,IEC61000-4-2,IEC61000-4-3,IEC61000-4-4,IEC61000-4-5,IEC61000-4-6,IEC61000-4-8				

Specifications are subject to change without prior notice.

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