

Catalog



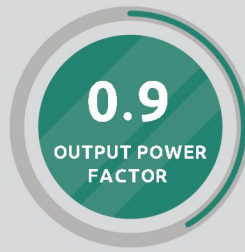
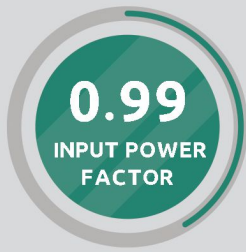
Gök

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

GK Series 15-20KVA

3:1 Phase PF 0.9



Features:

- Online double conversion with full digital control
- Optimization battery group, the quantity of battery:
16/18/20pcs (Settable)
- Wide input voltage range:120~276Vac
- Input power factor 0.99 with PFC
- Wide input frequency range:40~70Hz
- Selectable output voltage: 220/230/240Vac
- Generator compatible
- ECO mode operation for energy saving
- Self-testing when UPS startup
- Multiple communication interface:RS232/USB/EPO
(Dry contact/SNMP card optional)
- Cold start
- Design with maintenance switch (Optional)
- Intelligent fan speed regulation
- Multiple protection function:short-circuit,overload,overheat,
battery overcharge and overdischarge,output low voltage
and fan fault alarm
- Optional N+X parallel redundancy



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Technical Specifications:

	GK 15V	GK 20V
Capacity	13.5KW	18KW
INPUT		
Nominal voltage	380/400/415Vac,(3Ph+N+PE) 220/230/240Vac,(L+N+PE)	
Input voltage range	208~478Vac (3Ph+N) 120~276Vac (L+N)	
Frequency range	40~70Hz	
Power factor	≥0.99	
Bypass voltage range	Max. voltage: 220Vac: +25%(optional +10%, +15%, +20%) 230Vac: +20%(optional +10%, +15%) 240Vac: +15%(optional +10%) Min. voltage: -45% (optional -10%, -20%, -30%) Frequency protection range: ±10%	
Generator Input	Support	
OUTPUT		
Output voltage	220/230/240Vac	
Power factor	0.9	
Voltage regulation	± 1%	
Output frequency	Line Mode ±1%, ±2%, ±4%, ±5%, ±10% of the rated frequency(optional) Bat. Mode (50/60 ± 0.1%)Hz	
Crest factor	3:1	
Harmonic distortion (THDv)	≤2% Linear load ≤5% Non linear load	
Transfer time	AC mode to Bat.Mode 0ms Inverter to Bypass 0ms	
Output waveform	Pure Sinewave	
Overload	Line Mode Load<110%: last 60min change to bypass, <125%: last 10min, change to bypass, <150%: last 1min change to bypass, >150% change to bypass immediately Bypass Mode 40A (Breaker) 63A (Breaker)	
Efficiency	93.5%	
BATTERY		
Battery voltage	±120Vdc(20pcs9AH) (20pcs7AH;2x20pcs7/9AH optional)	
Typical recharging time	6~8 hours (to 90% of full capacity)	
Charging current	charge current can be set according to battery capacity installed	
INDICATORS		
LED display	Line mode,Bat.mode,ECO mode,Bypass mode,Battery low voltage,Overload & UPS fault	
LCD display	Input voltage,Input frequency,Output voltage,Output frequency,Load percentage, Battery voltage,Inner temperature& Remaining battery backup time	
ALARM		
Battery mode	Beeping every 4 seconds	
Battery low	Beeping every second	
Overload	Beeping twice every second	
Fault	Continuously beeping	
PHYSICAL		
Dimension W x D x H (mm)	Standard unit : 250×900×868 Long run unit : 220×531×450	
Net weight (kg)	167/24	171/28
ENVIRONMENT		
Operating temperature	0°C ~ 40°C	
Storage temperature	-25°C ~ 55°C	
Humidity range	0 ~ 95% non condensing	
Altitude	< 1500m.When>1500m,lower the rated power for use	
Noise level	<55dB at 1 Meter	<58dB at 1 Meter
STANDARDS		
Safety	CE,EN/IEC 62040-2,EN/IEC 62040-1-1	
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.
When output voltage is 208Vac,need to derate to 80% of the unit capacity.

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