



## Low Voltage Three Column Solar DC Isolator Switch For Photovoltaic Solar DC 1600A

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: Golden Electric /OEM
- Certification: ISO 9001, ISO 9000, ISO 14001, ISO 14000, ISO 20000, OHSAS/ OHSMS 18001, IATF16949
- Minimum Order Quantity: 1
- Packaging Details: Carton/Pallet
- Delivery Time: Peak Season Lead Time: more than 12 months  
Off Season Lead Time: within 15 workdays
- Payment Terms: LC, T/T, PayPal, Western Union
- Supply Ability: 5000/Month



### Product Specification

- Run: Plug-In
- Switching Mode: Single Throw-in
- Common Model: UKf
- Structure Of Operating: Manual
- Brand: Golden/OEM
- Color: Grey
- Function: Conventional Circuit Breaker, Overcurrent Protecti
- Waterproof: IP66
- Current: 100A-1600A
- Wiring: Upside Input, Downside Output
- Rated Insulation Voltage: 1500V
- Pollution Degree: 2
- Solid Or Standard: 4~16mm2
- Rated Voltage: DC 1500V / 1000V



### More Images



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## Product Description

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GNH19 series products are DC load disconnectors. They can ensure the disconnection and connection of DC circuits under load, as well as safety isolation. They are mainly used in the field of photovoltaic systems. The rated voltage can reach 1500VDC and the maximum current can reach 630A.

- \* Various current shells optional
- \* Adopt flame retardant V0 grade material
- \* Adopt T2 grade copper material
- \* Supports two installation methods: installation outside the cabinet and installation inside the cabinet
- \* With observation window, obvious disconnection mark, enhance the safety of use
- \* Contact embossing design, increase the contact surface to ensure the performance
- \* Handle with lock function



Rated operational voltage  $U_e$ : DC1000/DC1500V  
 Rated operational current  $I_e$ : 100A-1600A  
 Rated insulation voltage  $U_i$ : DC1500V  
 Poles: 2P (with connect bar), 4P  
 Connect Material: Red Copper  
 Pollution degree: 3  
 Storage temperature: -25 to 55°C  
 Protection grade: IP20  
 Installation altitude: 2 000 m  
 Working Temperature: -5 to 40°C  
 Storage temperature: -25 to 55°C  
 Working humidity: 50% - 90%

### Product Parameters

#### GNH19 100-400A

Type	GNH19-100/4	GNH19-125/4	GNH19-160/4	GNH19-200/4	GNH19-250/4	GNH19-315/4	GNH19-400/4
Rated operational current $I_e$	100A	125A	160A	200A	250A	315A	400A
Rated operational voltage $U_e$	DC1000V/DC1500V						
Rated insulation voltage $U_i$	1500V						
Installation category	IV						
Utilization category	DC-21B						
Dielectric Strength	3820V						
Rated impulse withstand voltage $U_{imp}$	12kV						
Rated limited short time withstand current ( $I_{cw}/I_{cs}$ )	6kA					8kA	
Rated short time making capacity ( $I_{cm}$ )	10kA					13.6kA	
Mechanical endurance times	1700	1400					800

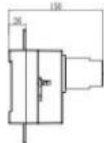
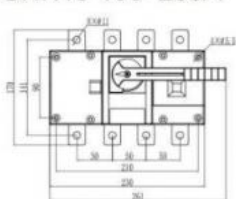
Electrial endurance times(DC1500V)	300	200
Operating Torque	10N.m	21N.m
Power Lose W	15	20

## GNH19 500-1600A

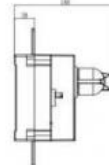
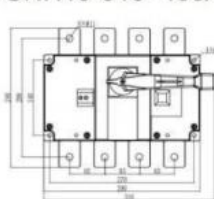
Type	GNH19-500/4	GNH19-630/4	GNH19-800/4	GNH19-1000/4	GNH19-1250/4	GNH19-1600/4
Rated operational current Ie	500A	630A	800A	1000A	1250A	1600A
Rated operational voltage Ue	DC1000V/DC1500V					
Rated insulation voltage Ui	1500V					
Installation category	IV					
Utilization category	DC-21B					
Dielectric Strength	3820V					
Rated impluse withstand voltge Uimp	12kV					
Rated limited short time withstand current (Icw/Ics)	10kA					
Rated short time making capacity(Icm)	13.6kA		10kA			
Mechnacial endurance times	800		500			
Electrial endurance times(DC1500V)	200		100			
Operating Torque	21N.m		50N.m			
Power Lose W	20	25	70	110	165	265

### Dimensions

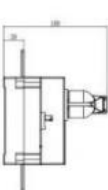
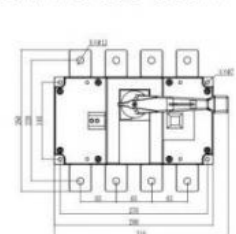
GNH19-100~250/4



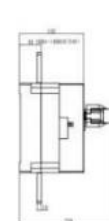
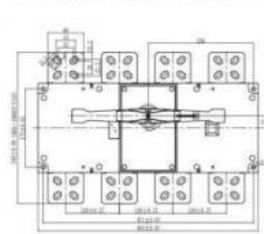
GNH19-315~400/4



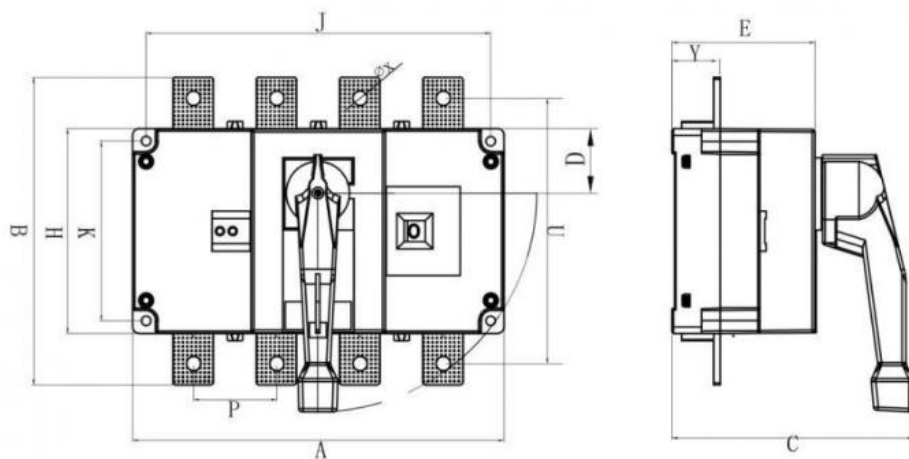
GNH19-500~630/4



GNH19-800~1600/4



### Assemble Dimension



Dimensions											Assemble Dimension	
Item	A	B	C	D	E	H	Y	U	P	ΦX	J	K
250A/4	232	170	151	32	89	110	26	141	50	10.5	212	90
400A/4	290	240	200	50	111	160	38	208	65	11	269	140.5
1250A/4	493	338	218	73	144	200	48		120	13.5	471	140

Provide you with many options



Packaging & Shipping



**1) Are you a factory or trading company?**

Yes we are factories.

**2) What is your FOB port?**

FOB Guangzhou, and we can according to customer requirements.

**3) What is your delivery time?**

3-7 days for samples, 10-30 days for large quantities, according to your order.

**4) How about your after-sale service?**

We can offer you timely and best after-sales service. Now we have built our relationship in many overseas countries like Brazil, Pakistan, Japan and German. It makes our after-sale service very easy and effective to reach you. Also our 24 hours online inquiry service is available.

**5) Can I have my own logo on your products?**

Yes, OEM&ODM service is available.



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