



- 1 Waterproof Plug
- 2 IP66 Ingress Protection
- 3 Sealed Plug
- 4 Knob
- 5 Brand
- 6 ON
- 7 OFF



BYH-32



Accessories

Application

ZJ·BENY

BYH Series DC Isolator Switch in plastic enclosure is applied 1~20KW Residential or Commercial Photovoltaic system, placed between photovoltage modules and inverters. Arcing time less than 3ms, that keep solar system more safe. To ensure its stability and long service life, our products are made by components with optimum quality. Max voltage up to 1000V DC It holds a safe lead among similar products.

Feature

- IP66 , UV Resistance
- Arcing Time < 3ms
- Earth Terminal
- IEC/EN60947-3
- 2 Pole, 4 Poles Available(Single | Double String)
- DC-21B: 16A,25A,32A up to 1000VDC

Appearance Introduction



Parameter

Electrical Characteristics		
Type		BYH-32
Function		Isolator, Control
Comply with		IEC60947-3
Pole		4P
Max Rated Current		32A
Rated Working Voltage	U _e	1000V DC
Rated Current	I _n	32A
Rated Insulated Voltage	U _i	1000V DC
Rated Impulsed Voltage	U _{imp}	8KV
Service Life/Cycle Operation		
Mechanical		20000
Electrical		2000
Installation Environment		
Ingress Protection		IP66
Storage Temperature		-5℃~+85℃

BYH Series PV DC Isolator Switches

Wiring Diagram

Contacts wiring diagram	500V	600V	800V	1000V	Poles in series	Number of Strings	Type Number	Weight kg/PCS
	32A	32A	23A	13A	2	1	BYH-32PE2	0.70
	50A	50A	23A	13A	2	1	BYH-32PE2H	0.70
	32A	32A	23A	13A	2	2	BYH-32PE4	0.70
	32A	32A	32A	32A	4	1	BYH-32PE4S	0.70
	32A	32A	32A	32A	4	1	BYH-32PE4B	0.70
	32A	32A	32A	32A	4	1	BYH-32PE4T	0.70

Switching Configurations

Type	2-pole	2-pole 4 Paralleled Poles	4-pole	4-pole with Input on top Output bottom	4-pole with Input and Output bottom	4-pole with Input and Output on top
BYH-32	2	2H	4	4S	4B	4T
Contacts Wiring graph						
Switching example						

Dimensions(mm)

