

ZBENY

KEEP INNOVATING

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DC + AC Complete SERIES



For 600V 1000V Solar PV System without or with BESS

A yellow FANUC R-01B robot arm is shown in a factory setting, positioned in the foreground. The background is slightly blurred, showing industrial equipment and a person in a blue shirt. The text 'The Best DC Components for The Best Result.' is overlaid in white on the image.

The Best DC Components for The Best Result.

ABOUT ZJBENY

Top 1 manufacturer of DC components and combiner boxes in China. With more than 10 years experience in solar DC solutions designing, producing and testing.

We are one of the manufacturers own the DC electrical cycle tester in China, the test equipment is important for keeping the DC switch at high quality level.

The first DC switch listed by UL508i.

The standard DC isolator recommended by Clean Energy Council Australia.

ZJBENY is supplying reliable DC components to top inverter companies and EPCs worldwide.

1000V 1500V solar solutions DC side and AC side is available.



DC+AC Box for Solar PV System



IP65 DC + AC box includes the DC and AC protection for solar PV system.
 Including over-voltage protection and isolating at solar DC side.
 Equips AC breaker (RCCB or RCBO for options) and AC surge arrester at AC side.
 An isolating plastic plate between DC components and AC components ensure safety operating.



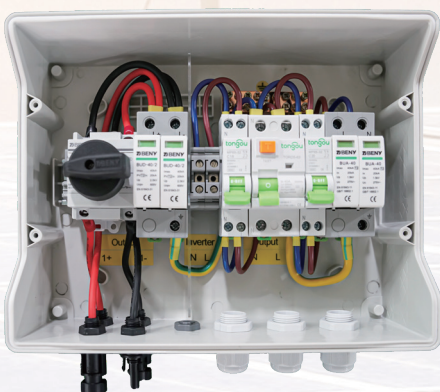
DC Switch

- UL508i approval and design, IEC60947
- Patented DC arc extinguish chamber
- Magnetic Steels inside ensure rapid and safe DC extinguishing

DC SPD

- New IEC 61643, UL1449
- Designed for solar PV protection
- Higher capacity In 20KA (IEC, UL)
- Response time <25ns

Specification		Enclosure	
Model Number	BHS-1/1(DC+AC)	Material	Polycarbonate
DC Input	1 string	Degree of Protection	IP65
DC Output	1 string	Impacts	IK10
Max Voltage	600V	Dimensions (W*H*D)	13 modules:292*220*120mm
	1000V	DC Input / Output	MC4 connectors
Max Current Output	50A	AC Cable Gland	PG 13.5
AC RCCB (RCBO for option)	Type A 40A 300mA	Environment	
AC Breaker 1	For AC load protection	Operating temperature	-25°C – +60°C
AC Breaker 2	For AC SPD protection		





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Specification		Enclosure	
Model Number	BHS-2/2(DC+AC)	Material	Polycarbonate
DC Input	2 strings	Degree of Protection	IP65
DC Output	2 strings	Impacts	IK10
Max Voltage	600V	Dimensions (W*H*D)	26 modules: 292*370*132mm
	1000V	DC Input / Output	MC4 connectors
Max Current Output	50A	AC Cable Gland	PG 21
Battery System	1 string with switch and fuses	Environment	
AC RCCB (RCBO for option)	Type A 40A 300mA	Operating temperature	-25°C – +60°C
AC Breaker 1	Single Phase For AC load		
AC Breaker 2	Single Phase For AC SPD		



DC+AC Box for Solar PV System

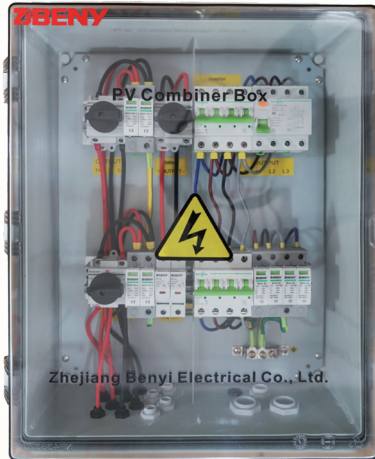


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Specification		Enclosure	
Model Number	BHS-2/2B	Material	Polycarbonate
DC Input	2 strings	Degree of Protection	IP65
DC Output	2 strings	Impacts	IK10
Max Voltage	600V	Dimensions (W*H*D)	530*430*200mm
	1000V	DC Input / Output	MC4 connectors
Max Current Output	50A	AC Cable Gland	PG 21
Battery System	1 string with switch and fuses	Environment	
AC RCCB (RCBO for option)	Type A 40A 300mA	Operating temperature	-25°C – +60°C
AC Breaker 1	Three Phase For AC load		
AC Breaker 2	Three Phase For AC SPD		