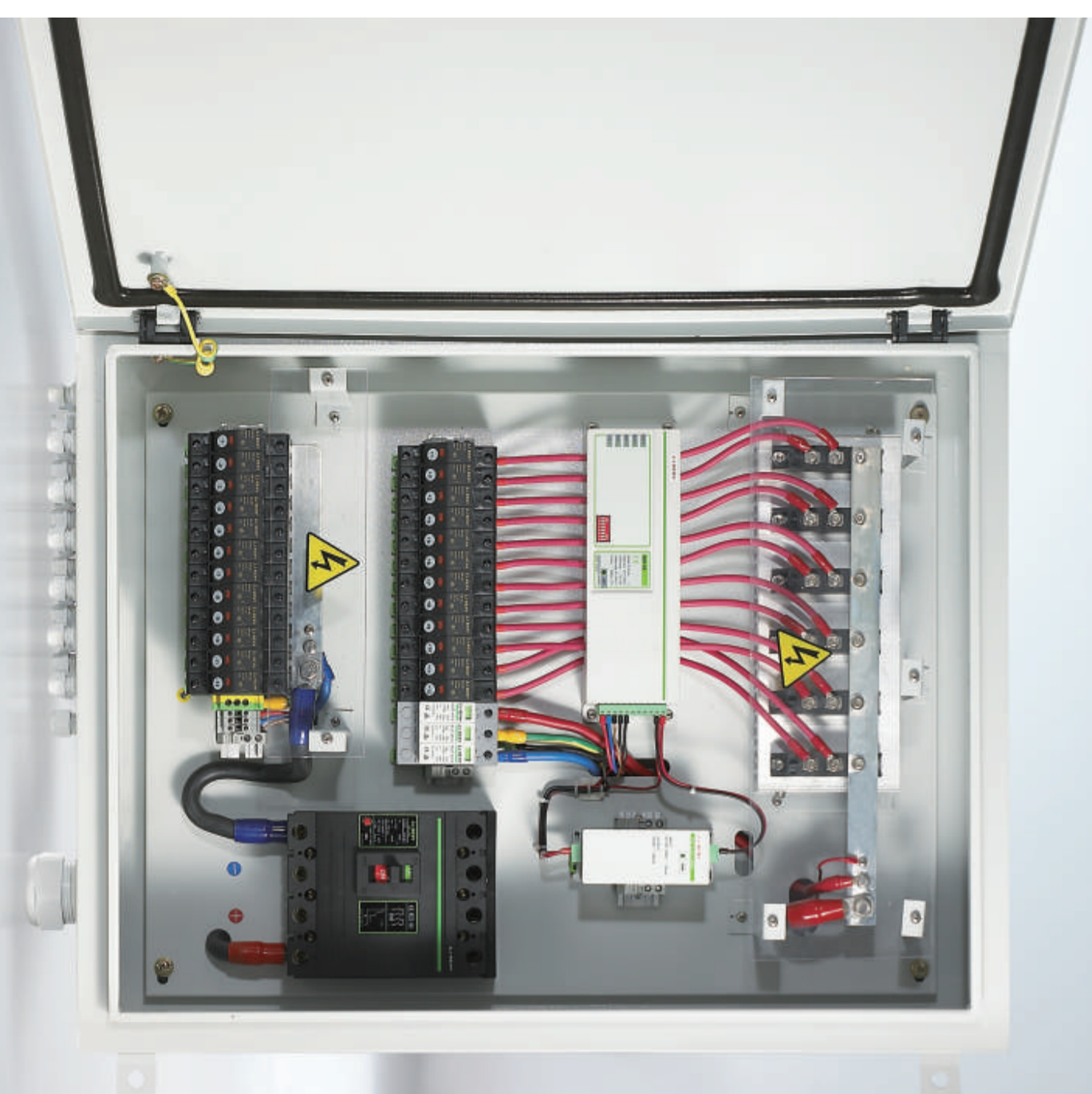


# BHTZ

Series Powder Coated steel/Powder Coated Stainless Steel  
Solar Combiner Box with Smart Monitoring Device

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# BHTZ

**ZIBENY**

Series Powder Coated Steel/Powder Coated Stainless Steel  
Solar Combiner Box with Smart Monitoring Device

## Parameter

Type	BHTZ-4	BHTZ-6	BHTZ-8	BHTZ-10	BHTZ-16	BHTZ-18	BHTZ-20	BHTZ-24
Dimensions(LXWXH)	500x550x180	600x480x210	600x480x210	650x480x210	600x650x210	650x650x210	800x750x250	800x800x300
Weight	25KG	28KG	30KG	32KG	34KG	38KG	50KG	55KG
Casing	Powder Coated steel / Powder coated stainless steel							
IP Protection Class(IEC60529)	IP65/IP66	IP65/IP66	IP65/IP66	IP65/IP66	IP65/IP66	IP65/IP66	IP65/IP66	IP65/IP66
IK Impact Resistance Class(IEC62282)	IK08	IK08	IK08	IK08	IK08	IK08	IK08	IK08
<b>Electrical Properties</b>								
Max. Rated Voltage DC	1000V DC	1000V DC	1000V DC	1000V DC	1000V DC	1000V DC	1000V DC	1000V DC
Fuse Holder	1000V DC 30A							
DC Switching /MCCB Capacity	50A	80A	100A	125A	160A	225A	315A	350A
Surge Protection DC	Type II/In=20kA,Imax=40kA,Ucgv=1000V DC with Remote Contact							
Over-Voltage Category	Cat III	Cat III	Cat III	Cat III	Cat III	Cat III	Cat III	Cat III
<b>String Monitoring Device</b>								
String Monitoring Device	Yes							
Diode for The Function of Anti-Reflex Protocol	RS485/MODBUS-RTU							
Wireless Communication	Optional							
Monitoring Function Details	Monitoring DC voltage and current of sub-array, Monitoring the Temperature							
Power Supply	Self-Supplied DC 24V							
<b>Inputs</b>								
Number of DC Inputs	4	6	8	10	12	16	20	24
Connection Type DC Input	PG09,IP68(MC4 Optional)							
Input Cable Size for Negative and Positive	Ø4-8mm							
Input Fuse	10A/15A/20A/25A							
<b>Outputs</b>								
Number of DC Outputs	1	1	1	1	1	1	1	1
Connection Type DC Output	PG 36 ,IP68,Ø22-32mm(Be Customized)							
Gland Connectors	Material :Nylon Plastic, Seals: Nitrile Rubber Buna, IP68							
Connection DC Earth Protection	PG16,IP68,Ø10-14mm							
<b>Environmental</b>								
Ambiant Temperature Range/Humidity	Temperature: -20°C~+60°C, Humidity: 0-99%							
Altitude	≤ 2000m, 2000m Derating							
Installation	Wall mounting/ Padlockable Latch							

Solar Combiner Box