

Rebel

ENERGY

RE Series DC Disconnect Breaker Box

WELCOME TO THE
POWER NETWORK



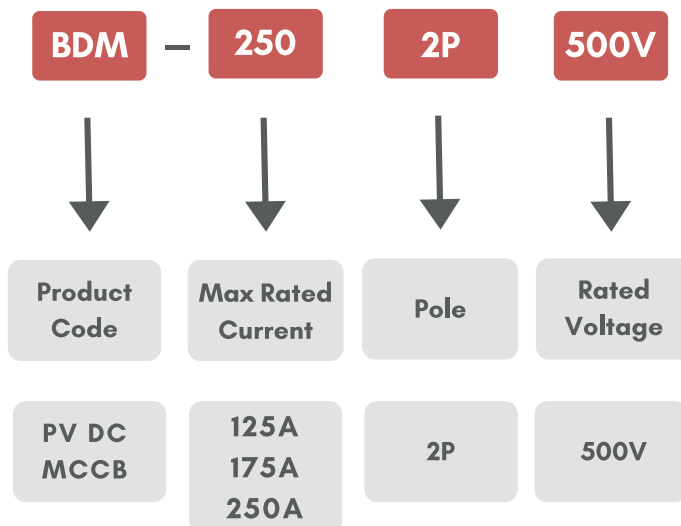
Product Features

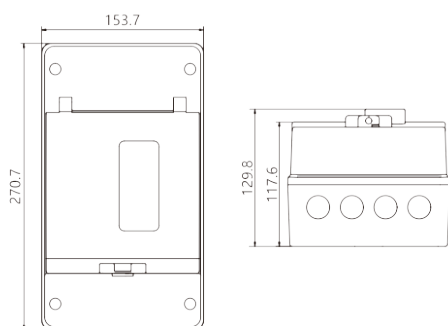
- High Short-Circuit/Breaking Capacity
- Protection Functions: Overload, Short Circuit. Unfrequent Operation
- Rated Voltage up to 500V DC
- Rated Current 125A, 175A, 250A
- IEC60947-2, GB14048-2
- Easy Installation

Type Instruction

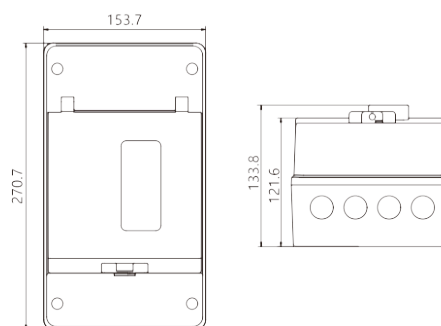
Application

BDRE Series DC Disconnect Breaker Box is designed to protect small and large battery based inverter systems. Rated voltage up to 500V DC, current up to 250A, with the functions of Overload Protection & Short-Circuit Protection.





IP65 Waterproof Enclosure for BDM-125



IP65 Waterproof Enclosure for BDM-250

Parameter

BD2 series PV DC MCCB

Type	DC-125	DC-175	DC-250
Pole		2P	
Max Rated Current	125A		250A

Electrical Characteristics

Rated Working Voltage	Ue		500V DC	
Rated Current	In(A)	65A, 80A 100A, 125A	100A, 125A 175A	125A, 160A 200A, 250A
Rated Insulated Voltage	Ui		500V DC	
Rated Impulsed Voltage	Uimp		8KV	
1 Min Power Frequency Withstand Voltage			3.8 KV	
Ultimate Breaking Capacity	Icu		15 KA	
Run Breaking Capacity	Ics		15 KA	

Protection

Tripping Type	Thermal Magnetic Type
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Control And Indication

Control Mode	Manual	Direct (RHD) Extended(ERH)	Optional
	MOD		Optional
Shunt Release (SHT)			Optional
Auxiliary Release			Optional
Terminal End Cover			Yes
Interphase Barriers			Yes

Service Life/Cycle Operation

Mechanical		10000
Electrical		2000
Size (L x W x H)	150.5 x 64.5 x 119mm	164.5 x 79.5 x 118mm
Ingress Protection	All Sides IP40, Connection Terminal IP20	

Installation Environment

Comply With	EIC60947-2/GB14048.2
Storage Temperature	-40°C ~ +85°C