

# BDM sries PV DC Moulded Case Circuit Breaker

- 1 Brand
- 2 Model number
- 3 Rated Voltage
- 4 Rated Current
- 5 Rated operating voltage
- 6 Breaking capacity
- 7 li
- 8 Standard
- 9 Operating Temperature
- 10 Breaking Operating
- 11 Rated impulse withstand voltage

- \* High Breaking Capacity, reliable insulating
- \* Over load protection and short-circuit protection
- \* Frequency operating and isolating
- \* Rated voltage 500VDC
- \* Rated Current 125A ,250A



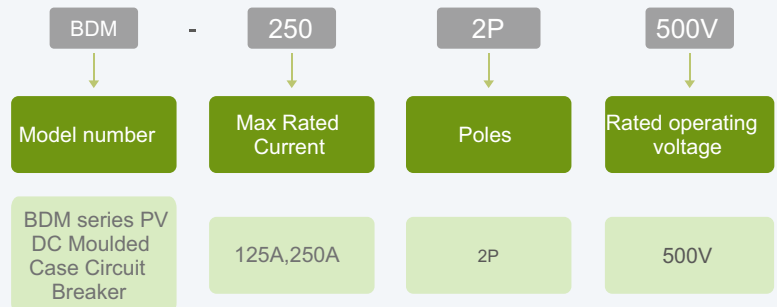
## Product Application

**ZBENY** BDM series PV DC moulded case circuit breaker application in protecting the battery systems and energy storage systems, with over load protection and short circuit protection. Rated voltage is 500VDC. Rated current up to 250A. Ensure the solar PV systems including batteries operating well and high efficiency. A IP66 and UV resistance PC enclosure is optional.

## Appearance



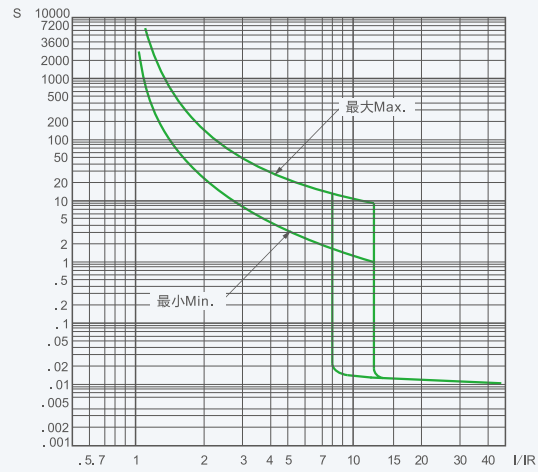
## Model Code



## Parameter

BDM series PV DC Moulded Case Circuit Breaker		
Model	BDM-125	BDM-250
Poles	2P	2P
Max Rated Current	125A	250A
<b>Electrical Characteristics</b>		
Rated operating voltage	Ue	500V DC
Rated Current	In(A)	65/80 100/125
		125/160 200/250
Rated Insulation Voltage	Ui	500V DC
Rated Impulse Voltage	Uimp	8KV
Withstand Voltage		3.8 KV
Ultimate Breaking Capacity		15 KA
Operating Breaking Capacity		75%Icu
<b>Protection</b>		
Tripping Type		Thermal Magnetic
<b>Control And Indication</b>		
Shunt Release (SHT)		Optional
Auxiliary Release		Optional
Interphase Barrier		Yes
<b>Working Cycle</b>		
Mechanical		10000
Electrica		2000
Size	L x W x H	154x64x96
		165x79x95
Protection Degree		In IP66Enclosure
<b>Installation Environment</b>		
Comply With		IEC60947-2
Storage Temperature		-45°C~+70°C

## Characteristic Curve



Model	BDM-125	BDM-250
Picture		
Contacts Wiring Graph		

## Dimensions (mm)

125A	250A