**FOWEREX** 



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# CM100DY-12H

Manufacturer Part Number CM100DY-12H

Manufacturer **Powerex, Inc.** 

Allelco Part Number 32D-CM100DY-12H

Parts Description IGBT MOD 600V 100A 400W

Request Free CAD Models

Package Module

ECAD Model

Data sheet CM100DY-12H.pdf

 ${\tt CM100DY-12H~-Powerex~Inc..} New~Original~in~Stock.~Download~Linear~Technology~CM100DY-12H~datasheet/specifications~on~AllelcoElec.com.$ 

Request a quote for CM100DY-12H, please send us email: info@allelco.com

### **Specifications**

CM100DY-12H Tech Specifications

CM100DY-12H - Powerex Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Powerex, Inc.	NTC Thermistor	No
Voltage - Collector Emitter Breakdown (Max)	600 V	Mounting Type	Chassis Mount
Vce(on) (Max) @ Vge, Ic	2.8V @ 15V, 100A	Input Capacitance (Cies) @ Vce	10 nF @ 10 V
Supplier Device Package	Module	Input	Standard
Series	IGBTMOD™	IGBT Type	-
Power - Max	400 W	Current - Collector Cutoff (Max)	1 mA
Package / Case	Module	Current - Collector (Ic) (Max)	100 A
Package	Bulk	Configuration	Half Bridge
Operating Temperature	-40°C ~ 150°C (TJ)		

# Parts with Similar Specifications

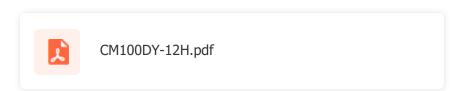
The three parts on the right have similar specifications to Powerex Inc. CM100DY-12H

Product Attribute	NO PICTURE	<b>#OWEREX</b>	<b>#OWEREX</b>	<b>#OWEREX</b>
Part Number	CM100DY-12H	CM100DU-24NFH	CM100DUS-12F	CM100DY-24H
Manufacturer	Powerex Inc.	Powerex Inc.	Powerex Inc.	Powerex Inc.
Current - Collector (Ic) (Max)	100 A	100 A	100 A	100 A
Vce(on) (Max) @ Vge, Ic	2.8V @ 15V, 100A	6.5V @ 15V, 100A	2.7V @ 15V, 100A	3.4V @ 15V, 100A
Mounting Type	Chassis Mount	Chassis Mount	Chassis Mount	Chassis Mount
Configuration	Half Bridge	Half Bridge	Half Bridge	Half Bridge
NTC Thermistor	No	No	No	No
Input	Standard	Standard	Standard	Standard
IGBT Type	-	-	Trench	-
Operating Temperature	-40°C ~ 150°C (TJ)			
Voltage - Collector Emitter Breakdown (Max)	600 V	1200 V	600 V	1200 V
Package	Bulk	Bulk	Bulk	Bulk
Series	IGBTMOD™	IGBTMOD™	IGBTMOD™	IGBTMOD™
Supplier Device Package	Module	Module	Module	Module
Power - Max	400 W	560 W	350 W	780 W
Input Capacitance (Cies) @ Vce	10 nF @ 10 V	16 nF @ 10 V	27 nF @ 10 V	20 nF @ 10 V
Package / Case	Module	Module	Module	Module
Current - Collector Cutoff (Max)	1 mA	1 mA	1 mA	1 mA

### **☑** CM100DY-12H Datasheet PDF

Download CM100DY-12H pdf datasheets and Powerex Inc. documentation for CM100DY-12H - Powerex Inc..

# Datasheets



# **Customers Also Interested in**

### **Recommended Products**







NO PICTURE



NO PICTURE



NO PICTURE



NO PICTURE



NO PICTURE

CM100DU-24NF
MITSUBISHI

**IGBT Module** 

CM100DY-24G

MITSUBISHI

IGBT Module

CM100DY-12NF

MITSUBISHI

IGBT Module

NO
IGBT Module

CM100DY-13T

MITSUBISHI

IGBT Module

CM100DU-34K NO IGBT Module













CM100DY-12E

**MITSUBISHI IGBT Module** 

CM100DY-24A-300G

MIT

CM100DU-24NFH

Powerex Inc. IGBT MOD 1200V 100A 560W CM100DY-24J

**MITSUBISHI** IGBT Module

**CM100DUS-12F** 

Powerex Inc.

IGBT MOD 600V 100A 350W

**IGBT** 

CM100DY-12F

IGBT Module

**#OWEREX** 





CM100DY-24H

Powerex Inc. IGBT MOD 1200V 100A 780W CM100DU-34KA

Powerex Inc. IGBT MOD 1700V 100A 890W **NO PICTURE** 

**MITSUBISHI** IGBT Module

CM100DY-12

CM100DY-24A

Powerex Inc.

IGBT MOD 1200V 100A 672W

**NO PICTURE** 

**MITSUBISHI** 

IGBT Module

NO PICTURE

**CM100DY-12HE** CM100DY-20

> **MITSUBISH** IGBT Module

**Shipment** 

**Delivery Time** In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

### **Delivery Cost**

- > Use your express account for shipment if you have one.
- > Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

### **Delivery Method**

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference				
Region	Country	Logistic Time(Day)		
America	United States	5		
	Brazil	7		
Europe	Germany	5		
	United Kingdom	4		
	Italy	5		
Oceania	Australia	6		
	New Zealand	7		
Asia	India	6		
	Japan	7		
Middle East	Israel	6		

DHL & FedEx Shipment Charges Reference				
Shipment charges(KG)	Reference DHL(USD\$)			
0.00kg-1.00kg	USD\$60.00			
1.00kg-2.00kg	USD\$70.00			
2.00kg-3.00kg	USD\$80.00			

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

# Payment Support

The payment method can be chosen from the methods shown below: Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.





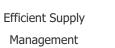






## Your Faithful Supply Chain Partner -







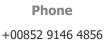




Cost-Saving

Procurement







## Certifications & Memberships













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Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong **Phone:** +00852 9146 4856

Contact us

Fax: +00852 3010 8510 Email: info@Allelco.com