



# CM600HU-12H

Manufacturer Part Number	<b>CM600HU-12H</b>
Manufacturer	<b>Powerex, Inc.</b>
Allelco Part Number	32D-CM600HU-12H
ECAD Model	Request Free CAD Models
Parts Description	IGBT MOD 600V 600A 1560W
Package	Module
Data sheet	<b>CM600HU-12H.pdf</b>



**Get a Quote**

CM600HU-12H - Powerex Inc..New Original in Stock. Download Linear Technology CM600HU-12H datasheet/specifications on AllelcoElec.com.  
Request a quote for CM600HU-12H, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

CM600HU-12H Tech Specifications  
CM600HU-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	3V @ 15V, 600A	Input Capacitance (Cies) @ Vce	52.8 nF @ 10 V
Supplier Device Package	Module	Input	Standard
Series	IGBTMOD™	IGBT Type	-
Power - Max	1560 W	Current - Collector Cutoff (Max)	1 mA
Package / Case	Module	Current - Collector (Ic) (Max)	600 A
Package	Bulk	Configuration	Single
Operating Temperature	-40°C ~ 150°C (TJ)		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Powerex Inc. CM600HU-12H

Product Attribute	NO PICTURE			
Part Number	CM600HU-12H	CM600HU-24H	CM600HX-24A	CM600HU-12F
Manufacturer	Powerex Inc.	Powerex Inc.	Powerex Inc.	Powerex Inc.
Power - Max	1560 W	3100 W	3785 W	1420 W
Configuration	Single	Single	Single	Single
Package	Bulk	Bulk	Bulk	Bulk
NTC Thermistor	No	No	Yes	No
Current - Collector Cutoff (Max)	1 mA	2 mA	1 mA	1 mA
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Vce(on) (Max) @ Vge, Ic	3V @ 15V, 600A	3.7V @ 15V, 600A	2.6V @ 15V, 600A	2.2V @ 15V, 600A
Input Capacitance (Cies) @ Vce	52.8 nF @ 10 V	90 nF @ 10 V	100 nF @ 10 V	160 nF @ 10 V
Supplier Device Package	Module	Module	Module	Module
Mounting Type	Chassis Mount	Chassis Mount	Chassis Mount	Chassis Mount
Series	IGBTMOD™	IGBTMOD™	IGBTMOD™	IGBTMOD™
IGBT Type	-	-	-	Trench
Input	Standard	Standard	Standard	Standard
Voltage - Collector Emitter Breakdown (Max)	600 V	1200 V	1200 V	600 V
Package / Case	Module	Module	Module	Module
Current - Collector (Ic) (Max)	600 A	600 A	600 A	600 A

## CM600HU-12H Datasheet PDF

Download CM600HU-12H pdf datasheets and Powerex Inc. documentation for CM600HU-12H - Powerex Inc..

### Datasheets

CM600HU-12H.pdf

### PCN Obsolescence/ EOL

IGBT/IPM Module EOL 1/Sep/2015.pdf

## Customers Also Interested in

### Recommended Products

NO PICTURE		NO PICTURE	NO PICTURE		
CM600HU-24E	CM600HU-24H	CM600HN-5F	CM600HG-120H	CM600HX-24A	CM600HU-12F

MIT  
IGBT Module

Powerex Inc.  
IGBT MOD 1200V 600A 3100W

MITSUBISHI  
IGBT Module

MITSUBISHI  
IGBT Module

Powerex Inc.  
IGBT MOD 1200V 600A 3785W

Powerex Inc.  
IGBT MOD 600V 600A 1420W



NO PICTURE



NO PICTURE



NO PICTURE



NO PICTURE

**CM600HX-12A**

Powerex Inc.  
IGBT MOD 600V 600A 1890W

**CM600MX-24A**

IGBT  
IGBT Module

**CM600HU-24F**

Powerex Inc.  
IGBT MOD 1200V 600A 2400W

**CM600HU-12E**

MIT  
IGBT Module

**CM600YE2N-12F**

MITSUBISHI  
IGBT Module

**CM600HG-5F**

MITSUBISHI  
IGBT Module



NO PICTURE



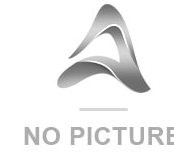
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NO PICTURE

**CM600HG-130H**

MITSUBISHI  
IGBT Module

**CM600HD-12H**

MIT  
IGBT Module

**CM600HV-12H**

MIT  
IGBT Module

**CM600HG-90H**

MITSUBISHI  
IGBT Module

**CM600HC-24NFM**

MITSUBISHI  
IGBT Module

**CM600HGA-130H**

MITSUBISHI  
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 -

Efficient Supply Management  
 Cost-Saving Procurement  
 Fast Sourcing & Delivery

Contact us if you have any questions.

Phone  
+00852 9146 4856  
 Email  
info@allelco.com

## Certifications & Memberships



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