



CM600HU-12F

Manufacturer Part Number	CM600HU-12F
Manufacturer	Powerex, Inc.
Allelco Part Number	32D-CM600HU-12F
ECAD Model	Request Free CAD Models
Parts Description	IGBT MOD 600V 600A 1420W
Package	Module
Data sheet	CM600HU-12F.pdf
RoHS Status	RoHS Compliant



Get a Quote

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

Specifications

CM600HU-12F Tech Specifications

CM600HU-12F - 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	2.2V @ 15V, 600A	Input Capacitance (Cies) @ Vce	160 nF @ 10 V
Supplier Device Package	Module	Input	Standard
Series	IGBTMOD™	IGBT Type	Trench
Power - Max	1420 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-12F

Product Attribute	NO PICTURE			
Part Number	CM600HU-12F	CM600HX-24A	CM600HU-24F	CM600HU-12H
Manufacturer	Powerex Inc.	Powerex Inc.	Powerex Inc.	Powerex Inc.
Mounting Type	Chassis Mount	Chassis Mount	Chassis Mount	Chassis Mount
Input	Standard	Standard	Standard	Standard
Configuration	Single	Single	Single	Single
Voltage - Collector Emitter Breakdown (Max)	600 V	1200 V	1200 V	600 V
IGBT Type	Trench	-	Trench	-
Input Capacitance (Cies) @ Vce	160 nF @ 10 V	100 nF @ 10 V	230 nF @ 10 V	52.8 nF @ 10 V
Supplier Device Package	Module	Module	Module	Module
Power - Max	1420 W	3785 W	2400 W	1560 W
Package	Bulk	Bulk	Bulk	Bulk
Series	IGBTMOD™	IGBTMOD™	IGBTMOD™	IGBTMOD™
Current - Collector Cutoff (Max)	1 mA	1 mA	2 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)
Current - Collector (Ic) (Max)	600 A	600 A	600 A	600 A
Package / Case	Module	Module	Module	Module
Vce(on) (Max) @ Vge, Ic	2.2V @ 15V, 600A	2.6V @ 15V, 600A	2.4V @ 15V, 600A	3V @ 15V, 600A
NTC Thermistor	No	Yes	No	No

Customers Also Interested in

Recommended Products

NO PICTURE CM600HB-24H MITSUBISHI IGBT Module	NO PICTURE CM600MX-24A IGBT IGBT Module	NO PICTURE CM600HC-24NFM MITSUBISHI IGBT Module	 CM600HX-24A Powerex Inc. IGBT MOD 1200V 600A 3785W	 CM600HU-24F Powerex Inc. IGBT MOD 1200V 600A 2400W	 CM600HU-12H Powerex Inc. IGBT MOD 600V 600A 1560W
 CM600HX-12A Powerex Inc. IGBT MOD 600V 600A 1890W	NO PICTURE CM600HG-120H MITSUBISHI IGBT Module	NO PICTURE CM600HGA-130H MITSUBISHI IGBT Module	NO PICTURE CM600HN-5F MITSUBISHI IGBT Module	 CM600HU-24H Powerex Inc. IGBT MOD 1200V 600A 3100W	NO PICTURE CM600HD-12H MIT IGBT Module



NO PICTURE

CM600HG-130H

MITSUBISHI
IGBT Module



NO PICTURE

CM600HV-12H

MIT
IGBT Module



NO PICTURE

CM600HG-90H

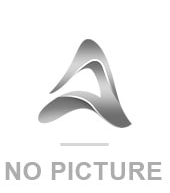
MITSUBISHI
IGBT Module



NO PICTURE

CM600HU-24E

MIT
IGBT Module



NO PICTURE

CM600HU-12E

MIT
IGBT Module



NO PICTURE

CM600HG-5F

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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