



### VI-20K-IY-B1 Information



For Reference Only

Part Number VI-20K-IY-B1
Manufacturer Vicor Corporation

**Category** Power Supplies - Board Mount

DC DC Converters

**Description** CONVERTER MOD DC/DC 40V 50W

Package Full Brick

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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### **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









# VI-20K-IY-B1 Specifications

Manufacturer         VI-20K-IY-B1           Manufacturer         Vicor Corporation           Category         Power Supplies - Board Mount           DC DC Converters           Package         Full Brick           Series         VI-200           Type         Isolated Module           Number of Outputs         1           Voltage - Input (Min)         10V           Voltage - Input (Max)         20V           Voltage - Output 1         40V           Voltage - Output 2         -           Voltage - Output 4         -           Current - Output (Max)         1.25A           Power (Watts)         50W           Voltage - Isolation         3kV (3000V)           Applications         ITE (Commercial)           Features         OCP, OTP, OVP, SCP           Operating Temperature         -40°C ~ 85°C           Efficiency         90%           Mounting Type         Through Hole           Package / Case         Full Brick           Size / Dimension         4.60° L x 2.40° W x 1.07° H (116.8mm x 61.0mm x 27.1mm)		
Category         Power Supplies - Board Mount           DC DC Converters           Package         Full Brick           Series         VI-200           Type         Isolated Module           Number of Outputs         1           Voltage - Input (Min)         10V           Voltage - Output (Max)         20V           Voltage - Output 1         40V           Voltage - Output 2         -           Voltage - Output 3         -           Voltage - Output 4         -           Current - Output (Max)         1.25A           Power (Watts)         50W           Voltage - Isolation         3kV (3000V)           Applications         ITE (Commercial)           Features         OCP, OTP, OVP, SCP           Operating Temperature         -40°C ~ 85°C           Efficiency         90%           Mounting Type         Through Hole           Package / Case         Full Brick	Manufacturer Part Number	VI-20K-IY-B1
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Voltage - Input (Max)  Voltage - Output 1  40V  Voltage - Output 2  - Voltage - Output 3  - Voltage - Output 4  - Current - Output (Max)  Power (Watts)  Voltage - Isolation  Applications  Features  OCP, OTP, OVP, SCP  Operating Temperature  -40°C ~ 85°C  Efficiency  Mounting Type  Through Hole  Package / Case  Poutput (Max)  20V  40V  40V  40V  -  Current - Output (Max)  -  -  -  -  -  -  -  -  -  -  -  -  -	Number of Outputs	1
Voltage - Output 1         40V           Voltage - Output 2         -           Voltage - Output 3         -           Voltage - Output 4         -           Current - Output (Max)         1.25A           Power (Watts)         50W           Voltage - Isolation         3kV (3000V)           Applications         ITE (Commercial)           Features         OCP, OTP, OVP, SCP           Operating Temperature         -40°C ~ 85°C           Efficiency         90%           Mounting Type         Through Hole           Package / Case         Full Brick	Voltage - Input (Min)	10V
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Voltage - Output 3  Voltage - Output 4  - Current - Output (Max)  1.25A  Power (Watts)  Voltage - Isolation  Applications  ITE (Commercial)  Features  OCP, OTP, OVP, SCP  Operating Temperature  -40°C ~ 85°C  Efficiency  Mounting Type  Through Hole  Package / Case  Full Brick	Voltage - Output 1	40V
Voltage - Output 4  Current - Output (Max)  1.25A  Power (Watts)  Voltage - Isolation  3kV (3000V)  Applications  ITE (Commercial)  Features  OCP, OTP, OVP, SCP  Operating Temperature  -40°C ~ 85°C  Efficiency  90%  Mounting Type  Through Hole  Package / Case  Full Brick	Voltage - Output 2	-
Current - Output (Max)  Power (Watts)  50W  Voltage - Isolation  Applications  ITE (Commercial)  Features  OCP, OTP, OVP, SCP  Operating Temperature  -40°C ~ 85°C  Efficiency  90%  Mounting Type  Through Hole  Package / Case  Full Brick	Voltage - Output 3	-
Power (Watts) 50W  Voltage - Isolation 3kV (3000V)  Applications ITE (Commercial)  Features OCP, OTP, OVP, SCP  Operating Temperature -40°C ~ 85°C  Efficiency 90%  Mounting Type Through Hole  Package / Case Full Brick	Voltage - Output 4	-
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Mounting Type Through Hole Package / Case Full Brick	Operating Temperature	-40°C ~ 85°C
Package / Case Full Brick	Efficiency	90%
	Mounting Type	Through Hole
Size / Dimension 4.60" L x 2.40" W x 1.07" H (116.8mm x 61.0mm x 27.1mm)	Package / Case	Full Brick
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Supplier Device Package	-
Control Features	-
	Report errors?

#### VI-20K-IY-B1 Guarantees



#### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## VI-20K-IY-B1 Payment Methods



















## VI-20K-IY-B1 Shipping Methods













If you have any question about VI-20K-IY-B1, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com