

Agency Approvals

Overview

Below are the agency approvals received on Vicor products as of 1/98. Please consult the factory for the approvals on our more recent product introductions.

DC-DC Products

Approvals

VI-200 Family

UL: 544, 1012, 1950, 2601-1
 CSA: 0, 0.4, 0.7, 125, 142, 220, 234, 950; 1402C, 556B
 TÜV: EN 60950
 VDE: IEC 60950, EN 60950, VDE 0805, IEC 60601, EN 60601, VDE 0750
 BSI: BS 6301, IEC 60950, BS 7002, EN 60950
 BABT: EN 41003, EN 60950
 Austel: TS001, AS3260
 Bellcore: (NEBS) Flammability Requirements
 CE: Low Voltage Directive (73/23/EEC, 93/68/EEC)

VI-J00 Family

UL: 1012, 1950
 CSA: 0, 0.4, 142, 220, 234, 950; 1402C, 556B
 TÜV: EN 60950
 VDE: IEC 60950, EN 60950, VDE 0805
 BSI: IEC 60950, BS 7002, EN 60950
 BABT: EN 41003, EN 60950
 Austel: TS001, AS3260
 Bellcore: (NEBS) Flammability Requirements
 CE: Low Voltage Directive (73/23/EEC, 93/68/EEC)

2nd Generation DC-DC (Selected Models)

UL: 1012, 1950
 CSA: 0, 0.4, 142, 234, 950; 1402C
 TÜV: EN 60950
 VDE: IEC 60950, EN 60950, VDE 0805
 BABT: EN 41003, EN 60950
 Austel: TS001, AS3260
 Bellcore: (NEBS) Flammability Requirements
 CE: Low Voltage Directive (73/23/EEC, 93/68/EEC)

MegaModules

UL: 544, 1012, 1950
 CSA: 0, 0.4, 234, 950; 1402C
 TÜV: EN 60950
 VDE: VDE 0805, IEC 60950, EN 60950
 BABT: EN 41003, EN 60950
 CE: Low Voltage Directive (73/23/EEC, 93/68/EEC)

MegaModule Juniors

UL: 1012, 1950
 CSA: 0, 0.4, 234, 950; 1402C
 TÜV: EN 60950
 BABT: EN 41003, EN 60950
 CE: Low Voltage Directive (73/23/EEC, 93/68/EEC)

DC-DC Products (Cont)

ComPAC UL: 1012, 1950, 1604
CSA: 0, 0.4, 0.7, 220, 234, 950; 1402C
TÜV: EN 60950
VDE: VDE 0805, IEC 60950, EN 60950
BABT: EN 41003, EN 60950
CE: Low Voltage Directive (73/23/EEC, 93/68/EEC)

ConverterPACs UL: 1012, 1950
CSA: 0, 0.4, 234, 950; 1402C
TÜV: EN 60950

DC MegaPAC UL: 1950
CSA: 0, 0.4, 0.7, 142, 234, 950; 1402C
TÜV: EN 60950
CE: Low Voltage Directive (73/23/EEC, 93/68/EEC)

AC-DC Products

Front Ends
250, 500, 750 Watts UL: 1244, (UL 544 with -LL), 1950
CSA: 0, 0.4, 234, 950; 1402C
TÜV: EN 60950
VDE: VDE 0805, IEC 60950, EN 60950
BABT: EN 41003, EN 60950
CE: Low Voltage Directive (73/23/EEC, 93/68/EEC)

Three Phase
Front Ends UL: 1012, 1950
CSA: 0, 0.4, 234, 950
TÜV: EN 60950
BABT: EN 41003, EN 60950
CE: Low Voltage Directive (73/23/EEC, 93/68/EEC)

PFC Mini UL: 1950
CSA: 0, 0.4, 950
TÜV: EN 60950
VDE: VDE 0805, IEC 60950, EN 60950
CE: Low Voltage Directive (73/23/EEC, 93/68/EEC)

FlatPAC UL: 1950 (UL 544 with -LL), 1604
CSA: 0, 0.4, 234, 950; 1402C
TÜV: EN 60950
VDE: VDE 0805, IEC 60950, EN 60950
BABT: EN 41003, EN 60950
CE: Low Voltage Directive (73/23/EEC, 93/68/EEC)

VI-AIM UL: 544, 1950
CSA: 0, 0.4, 234, 950
TÜV: EN 60950
VDE: VDE 0805, IEC 60950, EN 60950
BABT: EN 41003, EN 60950 CE: Low Voltage Directive (73/23/EEC, 93/68/EEC)

AC-DC Products

VI-ARM UL: 544, 1950
CSA: 0, 0.4, 234, 950
TÜV: EN 60950
VDE: VDE 0805, IEC 60950, EN 60950
BABT: EN 41003, EN 60950
CE: Low Voltage Directive (73/23/EEC, 93/68/EEC)

VI-HAM UL: 544, 1950
CSA: 0, 0.4, 234, 950; 1402C
TÜV: EN 60950
BABT: EN 41003, EN 60950
CE: Low Voltage Directive (73/23/EEC, 93/68/EEC)

Mini MegaPAC UL: 1950
CSA: 0, 0.4, 950
TÜV: EN 60950
CE: Low Voltage Directive (73/23/EEC, 93/68/EEC)

Autorangeing MegaPAC UL: 1950
CSA: 0, 0.4, 950
TÜV: EN 60950
CE: Low Voltage Directive (73/23/EEC, 93/68/EEC)

PFC MegaPAC UL: 1950
CSA: 0, 0.4, 950
TÜV: EN 60950
CE: Low Voltage Directive (73/23/EEC, 93/68/EEC)

3 Phase MegaPAC UL: 1950
CSA: 0, 0.4, 950
TÜV: EN 60950
CE: Low Voltage Directive (73/23/EEC, 93/68/EEC)

Filters

VI-HAM (P/N 07818) UL: 1283
CSA: C22.2 No. 8
TÜV: VDE 0565

VI-IAM UL: 544, 1950
CSA: 0, 0.4, 234, 950
TÜV: EN 60950
VDE: VDE 0805, IEC 60950, EN 60950
BABT: EN 60950, EN 41003
CE: Low Voltage Directive (73/23/EEC, 93/68/EEC)

Agency Classifications

United States

UL (Underwriters Laboratories, Inc.)	1950	3rd Edition	Safety of Information Technology Equipment
	544	2nd Edition	Medical and Dental Equipment
	1012	5th Edition	Power Supplies
	1244	1st Edition	Electric and Electronic Measuring Equipment
	478	5th Edition	Information Processing and Business Equipment (replaced by UL1950 3rd)
	1459	2nd Edition	Telephone Equipment (replaced by UL1950 3rd)
	2601-1/A2		Medical Electrical Equipment

Canada

CSA (Canadian Standards Association)	0-M82		Canadian Electrical Code Part II
	0.4-M82		Bonding and Grounding of Electrical Equipment
	0.7-M82		Equipment Connected to a Telecommunication Network
	Bulletin 1402C		Power Supplies for Use with Information Processing and Business Equipment
	Bulletin 556B		Electronic Instruments and Scientific Apparatus
	142-M87		Process Control Equipment
	125-M84		Electromedical Equipment
	220-M86		Information Processing and Business Equipment
	234-M90		Safety of Component Power Supplies
950-M95		Safety of Information Technology Equipment	

Germany

VDE (Verband Deutsche Elektrotechniker)	IEC 60950		Safety of Information Technology Equipment
	VDE 0805		
	EN 60950		
TÜV Product Service (Technischer Überwachungs-Verein)	IEC 61010		Laboratory Equipment
	IEC 60601		Medical Electrical Equipment
	VDE 0750		
	EN 60601		

Agency Classifications

United Kingdom

BSI (British Standards Institute)	IEC 60950/BS 7002		Safety of Information Technology Equipment
	EN 60950, BS 6301		
BABT (British Approvals Board for Telecommunications)	EN 41003/EN 60950		Connect to Telecom Networks
Belcore	Network Equipment Building System (NEBS)		TR-EOP-000063 Issue 3 Flame Requirements

Australia

Austel (Australian Telecom)	TS001/AS3260		Telecommunications and ITE
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