DC-DC Selector Guide

XP Power
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0.25-1 Watt

IK
- ±10% Input
- Unregulated
- SIP & DIP
- Single Output
- 1000 V Isolation
- 3000 V Optional

IA/IB/IE
- ±10% Input
- Unregulated
- SIP & DIP
- Single Output
- 1000 V Isolation
- 3000 V Optional

IV
- ±10% Input
- Unregulated
- SIP & DIP
- Single & Dual Output
- 3000 V Isolation
- Up to 6 kV Isolation

ID
- ±10% Input
- Unregulated
- SIP
- Single & Dual Output
- 6000 V Isolation

IC
- ±10% Input
- Unregulated
- Ultra Slim DIP
- Single Output
- 1500 V Isolation
- 3000 V Optional

IF
- ±10% Input
- Regulated
- SIP & DIP
- Single Output
- 1000 V Isolation
- 3000 V Optional

IW
- 2:1 Input
- Regulated
- SIP & DIP
- Single & Dual Output
- 1000 V Isolation
- 3000 V Optional

2 Watts

IH
- ±10% Input
- Unregulated
- SIP & DIP
- Dual Output
- 1000 V Isolation
- Up to 6 kV Optional

IL
- ±10% Input
- Unregulated
- SIP
- Single Output
- 1000 V Isolation
- 3000 V Optional

IG/IJ
- ±10% Input
- Unregulated
- SIP & DIP
- Single & Dual Output
- 6000 V Isolation

JAH02
- ±10 Input
- DIP24
- Single & Dual Output
- 1000 V Isolation
- Up to 6 kV Optional
- Optional Metal Case

IU
- 2:1 Input
- Regulated
- SIP & DIP
- Single & Dual Output
- 1000 V Isolation
- 3000 V Optional

JCA02
- 2:1 Input
- Compact DIP24
- Single & Dual Output
- UL & TUV
- 1500 V Isolation

IM
- 4:1 Input
- Regulated
- SIP
- Single & Dual Output
- 1500 VDC Isolation

3 Watts

IS
- ±10% Input
- Regulated
- SIP
- Single Output
- 1000 V Isolation
- 3000 V Optional

IZ
- 2:1 Input
- Regulated
- SIP
- Single & Dual Output
- 1600 V Isolation

JCA03
- 2:1 Input
- Compact DIP24
- Single & Dual Output
- UL & TUV
- 1500 V Isolation

JHM03
- 2:1 Input
- DIP24
- Single & Dual Output
- 60601 Approved
- 5000 V Isolation

JCB03
- 2:1 Input
- DIP24
- Single & Dual Output
- 1500 V Isolation
- Up to 3 kV Optional
- Optional Metal Case

JTB03
- 4:1 Input
- DIP24
- Single & Dual Output
- 500 V Isolation
- 1500 V Optional

IP/IT
- 4:1 Input
- Regulated
- SIP
- Single & Dual Output
- 1500 VDC Isolation

4-5 Watts

JCA04
- 2:1 Input
- Compact DIP24
- Single & Dual Output
- UL & TUV
- 1500 V Isolation

JTC04
- 4:1 Input
- DIP24
- Single & Dual Output
- 1500 V Isolation
- 3500 V Optional

JTB05
- 4:1 Input
- DIP24
- Single & Dual Output
- 1500 V Isolation

6 Watts

JCA06
- 2:1 Input
- Compact DIP24
- Single & Dual Output
- UL & TUV
- 1500 V Isolation

JHM06
- 2:1 Input
- DIP24
- Single & Dual Output
- 60601 Approved
- 5000 V Isolation

JTC06
- 4:1 Input
- DIP24
- Single & Dual Output
- 1500 V Isolation
- 3500 V Optional

8 Watts

JCJ08
- 2:1 Input
- DIP24
- Single & Dual Output
- 1500 V Isolation

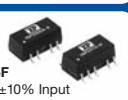
JTF08
- 4:1 Input
- DIP24
- Single & Dual Output
- 1600 V Isolation
- Remote On/Off

LDU08
- LED Driver
- 7-30 VDC Input
- Up to 350 mA Output
- Non Isolated
- Dimming Control

SMD

1 Watt

ISG
- ±5% Input
- Regulated
- Single Output
- 1000 V Isolation



ISF
- ±10% Input
- Unregulated
- Single & Dual Output
- 1000 V Isolation
- 3000 V Optional

ISJ
- ±10% Input
- Unregulated
- Ultra Slim Package
- Single Output
- 1500 V Isolation
- 3000 V Optional

1.5 Watts

ISL
- 4:1 Input
- Regulated
- Single & Dual Output
- 1500 V Isolation

2 Watts

ISQ
- ±10% Input
- Unregulated
- Single Output
- 6000 V Isolation

IST
- ±10% Input
- Unregulated
- Single Output
- 1000 V Isolation

ISP
- 2:1 Input
- Regulated
- Single & Dual Output
- 1500 V Isolation

10 Watts

JCJ10
- 2:1 Input
- DIP24
- Single & Dual Output
- 1500 V Isolation

JCH10
- 2:1 Input
- 2" x 1"
- Single & Dual Output
- 1500 V Isolation

JTA10
- 4:1 Input
- 2" x 1"
- Single & Dual Output
- Level 'B' EMI
- UL Approved
- 1500 V Isolation

JTF10
- 4:1 Input
- DIP24
- Single & Dual Output
- 1600 V Isolation
- Remote On/Off

12 Watts

JCG12
- 2:1 Input
- DIP24
- Single & Dual Output
- 1600 V Isolation
- Remote On/Off

JTF12
- 4:1 Input
- DIP24
- Single & Dual Output
- 1600 V Isolation
- Remote On/Off

15 Watts

JCK15
- 2:1 Input
- 2" x 1"
- Single & Dual Output
- 1500 V Isolation
- 3500 V Optional
- High Efficiency

JCM15
- 2:1 Input
- 1" x 1"
- Single & Dual Output
- 1600 V Isolation
- Remote On/Off

JTH15
- 4:1 Input
- 2" x 1"
- Single & Dual Output
- 1500 V Isolation

JTA15
- 4:1 Input
- 2" x 1.6"
- Single & Dual Output
- Level 'B' EMI
- UL Approved
- 1500 V Isolation

JTK15
- 4:1 Input
- 1" x 1"
- Single & Dual Output
- 1600 VDC Isolation
- Remote On/Off

20-25 Watts

JCK20
- 2:1 Input
- 2" x 1"
- Single & Dual Output
- 1500 V Isolation
- High Efficiency
- Remote On/Off

JTM20
- 4:1 Input
- 2" x 1"
- Single & Dual Output
- 1600 V Isolation
- Remote On/Off

JTA20
- 4:1 Input
- 2" x 1.6"
- Single & Dual Output
- Level 'B' EMI
- UL Approved
- 1500 V Isolation

LDU24
- LED Driver
- 7-30 VDC Input
- Up to 1000 mA Output
- Non Isolated
- Dimming Control

30 Watts

JCL30
- 2:1 Input
- 2" x 1.6"
- Single & Dual Output
- 1500 V Isolation
- Remote On/Off

JCK30
- 2:1 Input
- 2" x 1"
- Single & Dual Output
- 1600 V Isolation
- High Efficiency
- Remote On/Off

JTL30
- 4:1 Input
- 2" x 1"
- Single, Dual & Triple
- 1600 V Isolation
- Remote On/Off

40-200 Watts

JCP40
- 2:1 Input
- 2" x 2"
- Single, Dual & Triple
- 1500 V Isolation
- Remote On/Off

JTL40
- 4:1 Input
- 2" x 2"
- Single & Dual Output
- 1600 V Isolation
- Remote On/Off

ICH
- 50-150 Watts
- 2:1 & 4:1 Input
- Half Brick
- Single Output
- 1500 V Isolation
- High Efficiency

IFH
- 200 Watts
- 2:1 Input
- Full Brick
- Single Output
- 1500 V Isolation
- Up to 90% Efficiency

QSB
- 75-200 Watts
- 4:1 Input
- Quarter & Half Brick
- Single Output
- 1500 V Isolation
- Up to 90% Efficiency

Military

MTC05-30
- 5-35 Watts
- 15-40 VDC Input
- Single & Dual Output
- MIL-STD-461E/F
- MIL-STD-1275A-D

MTC50
- 50 Watts
- 10-40 VDC Input
- Single Output
- -40 °C Operation
- MIL-STD 461E/F
- MIL-STD 1275A-D

MTC75/150
- 75-150 Watts
- 10-40 VDC Input
- Single & Dual Output
- -55 °C Operation
- MIL-STD 461E/F
- MIL-STD 1275A-D

MTF50
- -55 °C Operation
- 50 Watt Filter Module
- 10-50 VDC Input
- MIL-STD 461E/F
- MIL-STD 1275A-D

DSF100-500
- 100, 200 & 500 W
- MIL-STD Filter
- Up to 28 A Output
- DEF-STAN 59-41
- MIL-STD 461E/F
- MIL-STD 1275A-D

FSO461
- 500 W MIL-STD Filter
- Up to 28 A Output
- 0-100 VDC Input
- MIL-STD 461E/F
- Passive EMI Filter

MTH100
- Increase hold up time
- 10 A Output Current
- 10-40 VDC Input
- User Programmable
- 98% Efficiency

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