

DC-DC Selector Guide

0.25 Watt	1 Watt	2 Watts	3 Watts	4-5 Watts	6 Watts	8 Watts	10-12 Watts	15 Watts	20-25 Watts	30-40 Watts	50-600 Watts
IK <ul style="list-style-type: none"> ±10% Input Unregulated SIP & DIP Package Single Output 1000 V Isolation 	IHA01 <ul style="list-style-type: none"> ±10% Input Regulated SIP Package Single & Dual Output 6000 V Isolation 	IL <ul style="list-style-type: none"> ±10% Input Unregulated SIP Package Single Output 1000 V Isolation 	IR <ul style="list-style-type: none"> ±10% Output Semi-regulated SIP Package Single & Dual Output 1000 V Isolation 	JCA04 <ul style="list-style-type: none"> 2:1 Input 1" x 0.8" DIP24 Single & Dual Output UL & TUV 1500 V Isolation 	ITX <ul style="list-style-type: none"> 2:1 Input SIP Package Single & Dual Output 1500 V Isolation 3000 V Optional 	JCJ08 <ul style="list-style-type: none"> 2:1 Input 1.25" x 0.80" DIP24 Package Single & Dual Output 1500 V Isolation 	JCA10 <ul style="list-style-type: none"> 2:1 Input 1" x 0.8" DIP24 Single & Dual Output 1600 V Isolation UL & TUV Approved 	JCM15 <ul style="list-style-type: none"> 2:1 Input 1" x 1" Package Single & Dual Output 1600 V Isolation Remote On/Off 	JCM20 <ul style="list-style-type: none"> 2:1 Input 1" x 1" Package Single & Dual Output 1600 V Isolation Remote On/Off 	JCK30 <ul style="list-style-type: none"> 2:1 Input 2" x 1" Package Single & Dual Output 1600 V Isolation Remote On/Off 	JSK50 <ul style="list-style-type: none"> 2:1 Input 2" x 1" Package Single Output 1500 V Isolation Remote On/Off
ITA/ITB <ul style="list-style-type: none"> ±10% Input Unregulated SIP Package Single & Dual Output 1500 V Isolation 	IH <ul style="list-style-type: none"> ±10% Input Unregulated SIP & DIP Dual Output 1000 V Isolation 	IS <ul style="list-style-type: none"> ±10% Input Regulated SIP Package Single Output 1000 V Isolation 	JCD04 <ul style="list-style-type: none"> 2:1 Input DIP24 Package Single & Dual Output 1500 V Isolation 3500 V Optional 	JCA06 <ul style="list-style-type: none"> 2:1 Input 1" x 0.8" DIP24 Single & Dual Output UL & TUV 1500 V Isolation 	JSE08 <ul style="list-style-type: none"> 2:1 Input ITE Safety Approvals DIP16 Package Single & Dual Output 1500 V Isolation 	JCJ10 <ul style="list-style-type: none"> 2:1 Input DIP24 Package Single & Dual Output 1500 V Isolation High Efficiency 	JCG15 <ul style="list-style-type: none"> 2:1 Input DIP24 Package Single & Dual Output 1600 V Isolation Remote On/Off 	JCK20 <ul style="list-style-type: none"> 2:1 Input 2" x 1" Package Single & Dual Output 1600 V Isolation Remote On/Off 	JCM30 <ul style="list-style-type: none"> 2:1 Input 1" x 1" Package SIP Package Single & Dual Output 1600 V Isolation 	JWL50 <ul style="list-style-type: none"> 4:1 Input 2" x 1" Package Single Output 1500 V Isolation UL & TUV Approved 	
ITV <ul style="list-style-type: none"> ±10% Input Unregulated SIP Package Single & Dual Output 3000 V Isolation 	IHL02 <ul style="list-style-type: none"> ±10% Input Regulated SIP Package Single & Dual Output 5200 V Isolation 	IZ <ul style="list-style-type: none"> 2:1 Input Regulated SIP Package Single & Dual Output 1600 V Isolation 	JTC04 <ul style="list-style-type: none"> 4:1 Input DIP24 Package Single & Dual Output 1500 V Isolation 3500 V Optional 	JCE06 <ul style="list-style-type: none"> 2:1 Input DIP24 Plastic Case Single & Dual Output 1500 V Isolation 3000 V Optional 	JTF08 <ul style="list-style-type: none"> 4:1 Input DIP24 Package Single & Dual Output 1600 V Isolation Remote On/Off 	JCH10 <ul style="list-style-type: none"> 2:1 Input DIP24 Package Single & Dual Output 1500 V Isolation Industry Standard Package 	JCK15 <ul style="list-style-type: none"> 2:1 Input 2" x 1" Package Single & Dual Output 1600 V Isolation Remote On/Off 	JTK20 <ul style="list-style-type: none"> 4:1 Input 2" x 1" Package Single & Dual Output 1600 V Isolation Remote On/Off 	JTL30 <ul style="list-style-type: none"> 4:1 Input 2" x 1" Package Single, Dual & Triple 1600 V Isolation Remote On/Off 	JCK60 <ul style="list-style-type: none"> 2:1 Input 2" x 1" Package Single Output 1600 V Isolation Remote On/Off 	
IA/IB/IE <ul style="list-style-type: none"> ±10% Input Unregulated SIP & DIP Package Single & Dual Output 1000 V Isolation 	JAH02 <ul style="list-style-type: none"> ±10% Input DIP24 Package Single & Dual Output 1000 V Isolation Up to 6 kV Optional 	IEU03 <ul style="list-style-type: none"> 2:1 Input Regulated DIP8 Package Single & Dual Output 1500 V Isolation 	JCD05 <ul style="list-style-type: none"> 2:1 Input DIP24 Package Single & Dual Output 1600 V Isolation 3500 V Optional 	JTE06 <ul style="list-style-type: none"> 4:1 Input DIP24 Plastic Case Single & Dual Output 1500 V Isolation 3000 V Optional 	JSM10 <ul style="list-style-type: none"> 2:1 Input 1" x 1" Package Single & Dual Output High Power Density ITE Approvals 	JTK15 <ul style="list-style-type: none"> 4:1 Input 2" x 1" Package Single & Dual Output 1600 V Isolation Remote On/Off 	JTM20 <ul style="list-style-type: none"> 4:1 Input 2" x 1" Package Single & Dual Output 1600 V Isolation Remote On/Off 	JTK30 <ul style="list-style-type: none"> 4:1 Input 2" x 1" Package Single & Dual Output 1600 V Isolation Remote On/Off 	JTL60 <ul style="list-style-type: none"> 4:1 Input 2" x 1" Package Single & Dual Output 1600 V Isolation Remote On/Off 		
IV <ul style="list-style-type: none"> ±10% Input Unregulated SIP & DIP Package Single & Dual Output 3000 V Isolation 	IU <ul style="list-style-type: none"> 2:1 Input Regulated SIP & DIP Package Single & Dual Output 1000 V Isolation 	JCA03 <ul style="list-style-type: none"> 2:1 Input 1" x 0.8" DIP24 Single & Dual Output UL & TUV 1500 V Isolation 	IEQ05 <ul style="list-style-type: none"> 4:1 Input Remote On/Off Single & Dual Output 1500 V Isolation SIP8 Package 	JWE06 <ul style="list-style-type: none"> 4:1 Input DIP16 Package Single & Dual Output 1500 V Isolation 3000 V Optional 	JWK10 <ul style="list-style-type: none"> 4:1 Input 1" x 1" Package Single & Dual Output 1500 V Isolation ITE Approvals 	JTF15 <ul style="list-style-type: none"> 4:1 Input DIP24 Package Single & Dual Output 1600 V Isolation Remote On/Off 	JTA20 <ul style="list-style-type: none"> 4:1 Input 2" x 1.6" Package Single & Dual Output Level 'B' EMI UL Approved 	JCK40 <ul style="list-style-type: none"> 2:1 Input 2" x 1" Package Single & Dual Output 1600 V Isolation Remote On/Off 	ICH <ul style="list-style-type: none"> 2:1 & 4:1 Input 1/2 Brick Package Single Output 1500 V Isolation Remote On/Off 		
IF <ul style="list-style-type: none"> ±10% Input Regulated SIP & DIP Package Single Output 1000 V Isolation 	JCA02 <ul style="list-style-type: none"> 2:1 Input 1" x 0.8" DIP24 Single & Dual Output UL & TUV 1500 V Isolation 	JCE03 <ul style="list-style-type: none"> 2:1 Input DIP24 Package Single & Dual Output 1500 V Isolation 3000 V Optional 	ITQ <ul style="list-style-type: none"> 4:1 Input SIP Package Single & Dual Output 1500 V Isolation 3000 V Optional 	JTA10 <ul style="list-style-type: none"> 4:1 Input 2" x 1" Package Single & Dual Output Level 'B' EMI UL Approved 	JTH15 <ul style="list-style-type: none"> 4:1 Input 2" x 1" Package Single & Dual Output 1500 V Isolation Remote On/Off 	JSM25 <ul style="list-style-type: none"> 2:1 Input 1" x 1" Package Single & Dual Output 1500 V Isolation ITE Approvals 	JTL40 <ul style="list-style-type: none"> 4:1 Input 2" x 2" Package Single & Dual Output 1600 V Isolation Remote On/Off 	QSB <ul style="list-style-type: none"> 2:1 & 4:1 Input 1/4 & 1/2 Brick Package Single Output 1500 V Isolation Remote On/Off 			
IQ <ul style="list-style-type: none"> ±10% Input Semi-regulated SIP Package 1000 V Isolation 3000 V Optional 	IEU02 <ul style="list-style-type: none"> 2:1 Input Regulated DIP 8 Package Single & Dual Output 1500 V Isolation 	JTE03 <ul style="list-style-type: none"> 4:1 Input DIP24 Package Single & Dual Output 1500 V Isolation 3000 V Optional 	JTF10/12 <ul style="list-style-type: none"> 4:1 Input DIP24 Package Single & Dual Output 1600 V Isolation Remote On/Off 	JTA15 <ul style="list-style-type: none"> 4:1 Input 2" x 1.6" Package Single & Dual Output Level 'B' EMI UL Approved 	JWK25 <ul style="list-style-type: none"> 2:1 Input 1" x 1" Package Single & Dual Output 1500 V Isolation ITE Approvals 	JWL40 <ul style="list-style-type: none"> 4:1 Input 2" x 1" Package Single & Dual Output 1500 V Isolation UL & TUV Approved 					
ITW <ul style="list-style-type: none"> 2:1 Input Regulated SIP Package Single & Dual Output 1500 V Isolation 	IM <ul style="list-style-type: none"> 4:1 Input Regulated SIP Package Single & Dual Output 1500 V Isolation 	IP/IT <ul style="list-style-type: none"> 4:1 Input Regulated SIP Package Single & Dual Output 1500 V Isolation 	JCG12 <ul style="list-style-type: none"> 4:1 Input DIP24 Package Single & Dual Output 1600 V Isolation Remote On/Off 								

For full specifications visit:
www.xppower.com

SMD

Medical

Railway

0.25-1 Watt ISK <ul style="list-style-type: none"> ±10% Input Unregulated Single Output 1500 V Isolation Industry Standard Pinout 	2 Watts ISH <ul style="list-style-type: none"> ±10% Input SMD Package Single Output 1500/3000 V Isolation Industry Standard Pinout 	3-6 Watts ISCO3 <ul style="list-style-type: none"> 4:1 Input SMD Package Single & Dual Output 1500 V Isolation Remote On/Off
STR <ul style="list-style-type: none"> 0.5 A 3T Regulator Regulated Single Output SMD Package Remote On/Off 	ISQ <ul style="list-style-type: none"> ±10% Input SMD Package Single Output 6000 V Isolation Industry Standard Pinout 	ISU03 <ul style="list-style-type: none"> 4:1 Input Ultra Compact SMD Single & Dual Output 1500 V Isolation Regulated
ISA <ul style="list-style-type: none"> ±10% Input Unregulated Dual Output 1500/3000 V Isolation Industry Standard Pinout 	ISM02 <ul style="list-style-type: none"> ±10% Input SMD Package Single & Dual Output 4000 VAC Isolation Medical Approvals 	ISX06 <ul style="list-style-type: none"> 4:1 Input SMD Package Single & Dual Output 1500 V Isolation Remote On/Off
ISE <ul style="list-style-type: none"> ±10% Input Unregulated Single Output 1500 V Isolation Industry Standard Pinout 	ISP <ul style="list-style-type: none"> 2:1 Input SMD Package Single & Dual Output 1500 V Isolation Regulated 	

1 Watt IMA01 <ul style="list-style-type: none"> ±10% Input SIP7 Package Single & Dual Output 4000 V Isolation MTBF 2.5 Mhrs 	2 Watts ISM02 <ul style="list-style-type: none"> ±10% Input SMD Package Single & Dual Output 4000 V Isolation 1 x MOPP at 300 V 	3-6 Watts JHL03 <ul style="list-style-type: none"> Wide Input IEC60601-1 3rd Ed. DIP24 Package 4000 VAC EN55011 Level A 	10 Watts JHM10 <ul style="list-style-type: none"> Wide Input DIP24 Single & Dual Output 5000 VAC Isolation 60601 Approved 	15 Watts JHM15 <ul style="list-style-type: none"> 2:1 Input 4000 V Isolation IEC60601-1 3rd Ed. Compact 1 x 1.6" EN55011 Level A
IMM01 <ul style="list-style-type: none"> Wide Input SIP7 Package Single & Dual Output 1500 V Isolation MTBF 1 Mhrs 	IMM02 <ul style="list-style-type: none"> Wide Input SIP8 Package Single & Dual Output 1500 V Isolation MTBF 1 Mhrs 	JHL06 <ul style="list-style-type: none"> Wide Input IEC60601-1 3rd Ed. DIP24 Package 4000 VAC EN55011 Level A 		
IML02 <ul style="list-style-type: none"> ±10% Input SIP7 Package Single & Dual Output 4000 V Isolation MTBF 2.5 Mhrs 				

8-30 Watts RDD08 <ul style="list-style-type: none"> Rail Input Voltage 3000 V Isolation Single & Dual Output MTBF >800 khrs DIP24 Package 	50-75 Watts RDC40 <ul style="list-style-type: none"> Rail Input Voltage 1500 V Isolation Single & Dual Output EN50155 Compliant Remote On/Off 	100-150 Watts RDQ100 <ul style="list-style-type: none"> Rail Input Voltage 1/4 Brick Package Single Output Baseplate-cooled Remote On/Off
RDC20/30 <ul style="list-style-type: none"> Rail Input Voltage 1500 V Isolation Single & Dual Output EN50155 Compliant Remote On/Off 	RCQ50/75 <ul style="list-style-type: none"> Rail Input Voltage 1/4 Brick Package Single Output Baseplate-cooled Remote On/Off 	RDQ150 <ul style="list-style-type: none"> Rail Input Voltage 1/2 Brick Package Single Output Baseplate-cooled Remote On/Off

Chassis Mount / DIN Rail

High Voltage

Switching Reg.

0.5 Amps TR <ul style="list-style-type: none"> Wide Input Range Switching Regulator 3 Pin SIP Package Up to 94% Efficiency Short-circuit Protection 	0.5-1.0 Amps SR <ul style="list-style-type: none"> Wide Input Range Switching Regulator 3 Pin SIP Package Up to 97% Efficiency Short-circuit Protection
ISW <ul style="list-style-type: none"> ±5% Input Regulated Single Output 1500/3000 V Isolation Industry Standard Pinout 	ISU02 <ul style="list-style-type: none"> 4:1 Input Ultra Compact SMD Single & Dual Output 1500 V Isolation ITE Safety Approvals
ISB <ul style="list-style-type: none"> 2:1 Input Regulated Single & Dual Output 1500 V Isolation Remote On/Off 	STR <ul style="list-style-type: none"> Wide Input Range Switching Regulator SMD Package Up to 97% Efficiency Short-circuit Protection

15 Watts DDC15 <ul style="list-style-type: none"> 4:1 Input 1500 V Isolation Low Profile Design 3.3 to 24 V Outputs 	20-60 Watts DTE20 <ul style="list-style-type: none"> 4:1 Input 2500 V Isolation Single Output DIN Rail Version Remote On/Off 	Regulated P <ul style="list-style-type: none"> 2.4 mWatts Up to 2 kV Output Ultra Low Ripple Low Profile - 0.24" Magnetic Free Design 	Regulated CA <ul style="list-style-type: none"> 1 Watt Up to 2 kV Output Low Noise Voltage Monitor Shielded Case 	Proportional Q/QH <ul style="list-style-type: none"> Q: 0.5Watt to 10kV QH: 1.5 Watt to 5kV Isolated design Single & Dual Output Up to 5kV in 0.5" cube 	Proportional GP <ul style="list-style-type: none"> 2 Watts Up to 6 kV Output Isolated Design Low Power Consumption Low Noise
DDC30 <ul style="list-style-type: none"> 4:1 Input 1500 V Isolation Single Output Ultra Thin Low Profile Design Remote On/Off 	SIP90 <ul style="list-style-type: none"> 0.1Watt <25 - 90 V Output Ultra Thin SIP Package Remote On/Off 	SIP90 <ul style="list-style-type: none"> 0.1Watt <25 - 90 V Output Ultra Thin SIP Package Remote On/Off 	CA-T <ul style="list-style-type: none"> 1 Watt Up to 2 kV Output Low Noise -55 °C Operation Shielded Case 	AG/AGH <ul style="list-style-type: none"> 1/1.5 Watts Up to 6 kV Output SMD Package Isolated Design Low Profile - 0.25" 	E <ul style="list-style-type: none"> 2 - 3 Watts Up to 8 kV Output Isolated Design Single & Dual Output Low Leakage Current
DTE40 <ul style="list-style-type: none"> 4:1 Input 2500 V Isolation Single Output DIN Rail Version Remote On/Off 	SIP100 <ul style="list-style-type: none"> 1 Watt <25 - 100 V Output Ultra Thin SIP Package Remote On/Off 	SIP100 <ul style="list-style-type: none"> 1 Watt <25 - 100 V Output Ultra Thin SIP Package Remote On/Off 	CB <ul style="list-style-type: none"> 1 Watt Up to 10 kV Output Voltage Monitor Current Monitor Shielded Case 	A/AH <ul style="list-style-type: none"> 1 - 1.5 Watts Up to 6 kV Output Isolated Design Output Control Low Profile - 0.25" 	FS <ul style="list-style-type: none"> 10 Watts Up to 8 kV Output Smart Features Single & Dual Output Thermal Shutdown
5-14 Watts LDU05/07/08/14 <ul style="list-style-type: none"> 7-30 VDC Input Constant Current Output Up to 1000 mA Non Isolated Dimming Control 	20-24 Watts LDU20/24 <ul style="list-style-type: none"> 7-30 VDC Input Constant Current Output Up to 1000 mA Non Isolated Dimming Control 	48-56 Watts LDU48/56 <ul style="list-style-type: none"> 7-60 VDC Input Constant Current Output Up to 1000 mA Non Isolated Dimming Control 	DTE60 <ul style="list-style-type: none"> 4:1 Input 2500 V Isolation Single Output DIN Rail Version Remote On/Off 	C <ul style="list-style-type: none"> 1 Watt Up to 8 kV Output Low Noise Programmable Shielded Case 	G <ul style="list-style-type: none"> 1.5 Watts Up to 6 kV Output Isolated Design Single & Dual Output Compact Package
				F <ul style="list-style-type: none"> 10 Watts Up to 8 kV Output Short Circuit Protection Single & Dual Output Shielded Case 	

LED Drivers

⊕ = Medical

For full specifications visit:
www.xppower.com