



AC/DC DC/DC
POWER CONVERSION



POWER MATE TECHNOLOGY CO., LTD.

Company Profile

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Brand Name :



Established : June ,1992

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Main Business : DC-DC Converters , AC-DC Power Supplies, P-DUKE standard products and customized devices, Powered high-end applications in Military, Transportation, Communications, Electronics/Industrial Equipment, Healthcare and Green power (energy) industries, etc.

Quality Compliance and Safety Approvals

- ISO 9001:2008 factory certificated and UL/CB/CE products safety approvals
- MIL-STD-105E Inspection Level II and 100% process are succeed for burn-in & ATE testing
- Production qualified to IPC-A-610, RoHS and REACH compliance
- EN50155 & EN61373 test certificated for railway special aspect solution of power devices
- IEC 60601-1 3rd edition and ANSI/AAMI ES60601-1 certificated for medical special aspect solution of power devices
- Under UL file for details with ISO 14971 Risk Management Report

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We are Proud and Offering

1. ISO-9001:2008 and additional safety files with further details of ISO-14971 Risk Management Report or EN50155 test report meets to withstand the critical applications.
2. Excellent in-house design, professional application engineers and high experienced marketing FAE staff from a variety of backgrounds provide customers with a complete expertise and support, not only on electronic characteristic technology but on mechanical or application match.
3. Specialize in design and deep application know-how sense to understand the central requests from customers. Deliver power solutions either P-DUKE standard products or tailored proposal especially for customers' own needs.
4. Global view-local touch takes into consideration the local needs, Just-In-Time response system as well as efficient after service.

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DC-DC Converters

SMALL SIZE & LOW PROFILE PACKAGE (1~6W) ISOLATED DC-DC CONVERTERS



Series	Output Power	Input Voltage Range (VDC)	Output Voltage (VDC)	Isolation Voltage	Eff.	Operating Temp.	Package	Dimensions	Safety Approval
DUR01	1W	3.3, 5, 9, 12, 15, 24 (±10%)	3.3, 5, 9, 12, 15	1000 VDC	80%	-40°C~+85°C	SIP	0.45"x0.24"x0.40" 11.5x6.0x10.2mm	CE
DU1P0	1W	5, 12, 15, 24 (±10%)	5, 12, 15 ±5, ±12, ±15	1000 VDC 3000 VDC	82%	-25°C~+85°C	SIP	0.77"x0.24"x0.40" 19.6x6.1x10.2mm	UL,CB,CE
SDS01 SDH01	1W	4.5~9, 9~18, 18~36, 36~75	3.3, 5, 12, 15, 24 ±5, ±12, ±15	1600 VDC 3000 VDC	83%	-40°C~+90°C	SMD DIP	0.52"x0.36"x0.40" 13.2x9.1x10.2mm	CE
SDS02 SDH02	2W	4.5~9, 9~18, 18~36, 36~75	3.3, 5, 12, 15, 24 ±5, ±12, ±15	1600 VDC 3000 VDC	86%	-40°C~+85°C	SMD DIP	0.52"x0.36"x0.40" 13.2x9.1x10.2mm	CE
PDS02(W) PDH02(W)	2W	4.5~9, 9~18, 18~36, 36~75 (4.5~18, 9~36, 18~75)	3.3, 5, 9, 12, 15 ±5, ±12, ±15	1600 VDC 3000 VDC	84%	-40°C~+85°C	SMD DIP	0.74"x0.50"x0.33" 18.9x14.0x8.4mm	UL,CB,CE
PDL02	2W	4.5~9, 9~18, 18~36, 36~75	3.3, 5, 9, 12, 15 ±5, ±12, ±15	1600 VDC 3000 VDC	84%	-40°C~+85°C	SIP	0.86"x0.36"x0.44" 21.8x9.1x11.2mm	UL,CB,CE
PDS03(W) PDH03(W)	3W	4.5~9, 9~18, 18~36, 36~75 (4.5~18, 9~36, 18~75)	3.3, 5, 9, 12, 15 ±5, ±12, ±15	1600 VDC 3000 VDC	83%	-40°C~+85°C	SMD DIP	0.74"x0.50"x0.33" 18.9x14.0x8.4mm	UL,CB,CE
PDL03(W)	3W	4.5~9, 9~18, 18~36, 36~75 (4.5~18, 9~36, 18~75)	3.3, 5, 9, 12, 15 ±5, ±12, ±15	1600 VDC 3000 VDC	85%	-40°C~+85°C	SIP	0.86"x0.36"x0.44" 21.8x9.1x11.2mm	UL,CB,CE
PDL06(W)	6W	4.5~9, 9~18, 18~36, 36~75 (9~36, 18~75)	3.3, 5, 9, 12, 15, 24 ±5, ±12, ±15	1600 VDC 3000 VDC	88%	-40°C~+85°C	SIP	0.86"x0.36"x0.44" 21.8x9.1x11.2mm	UL,CB,CE

DIP24 PACKAGE (3~15W) ISOLATED DC-DC CONVERTERS



Series	Output Power	Input Voltage Range (VDC)	Output Voltage (VDC)	Isolation Voltage	Eff.	Operating Temp.	Package	Dimensions	Safety Approval
FKC03	3W	9~18, 18~36, 36~75	3.3, 5, 12, 15 ±5, ±12, ±15	1600 VDC	82%	-40°C~+85°C	SMD DIP24	1.25"x0.80"x0.40" 31.8x20.3x10.2mm	UL,CB,CE
MKC03	3W	9~18, 18~36, 36~75	3.3, 5, 12, 15 ±5, ±12, ±15 Vo1&Vo2: 5/12/15	500 VDC	80%	-40°C~+85°C	SMD DIP24	1.25"x0.80"x0.40" 31.8x20.3x10.2mm	UL,CB,CE
MOP03(W)	3W	4.5~9, 9~18, 18~36, 36~75 (9~36, 18~75)	3.3, 5, 12, 15, 24 ±5, ±12, ±15	3000 VAC	87%	-40°C~+94°C	DIP24	1.25"x0.80"x0.40" 31.8x20.3x10.2mm	UL,CB CE,FCC
MPP03(W)	3W	4.5~9, 9~18, 18~36, 36~75 (9~36, 18~75)	3.3, 5, 12, 15, 24 ±5, ±12, ±15	5000 VAC	87%	-40°C~+94°C	DIP24	1.25"x0.80"x0.40" 31.8x20.3x10.2mm	UL,CB CE,FCC
PFKC03	3W	4.5~6, 9~18, 18~36, 36~75	3.3, 5, 12, 15 ±5, ±12, ±15	1600 VDC 3000 VDC	80%	-25°C~+85°C	SMD DIP24	1.25"x0.80"x0.40" 31.8x20.3x10.2mm	UL,CB,CE
PMKC03	3W	4.5~6, 9~18, 18~36, 36~75	3.3, 5, 12, 15 ±5, ±12, ±15 Vo1&Vo2: 5/12/15	1600 VDC	80%	-25°C~+85°C	SMD DIP24	1.25"x0.80"x0.40" 31.8x20.3x10.2mm	UL,CB,CE
FKC05(W)	5W	9~18, 18~36, 36~75 (9~36, 18~75)	3.3, 5, 12, 15 ±5, ±12, ±15	1600 VDC	84%	-40°C~+85°C	SMD DIP24	1.25"x0.80"x0.40" 31.8x20.3x10.2mm	UL,CB,CE
PFKC05	5W	9~18, 18~36, 36~75	3.3, 5, 12, 15 ±5, ±12, ±15	1600 VDC 3000 VDC	81%	-25°C~+85°C	SMD DIP24	1.25"x0.80"x0.40" 31.8x20.3x10.2mm	UL,CB,CE
MOP06(W)	6W	4.5~9, 9~18, 18~36, 36~75 (9~36, 18~75)	3.3, 5, 12, 15, 24 ±5, ±12, ±15	3000 VAC	89%	-40°C~+88°C	DIP24	1.25"x0.80"x0.40" 31.8x20.3x10.2mm	UL,CB CE,FCC
MPP06(W)	6W	4.5~9, 9~18, 18~36, 36~75 (9~36, 18~75)	3.3, 5, 12, 15, 24 ±5, ±12, ±15	5000 VAC	89%	-40°C~+88°C	DIP24	1.25"x0.80"x0.40" 31.8x20.3x10.2mm	UL,CB CE,FCC
FKC08(W)	8W	9~18, 18~36, 36~75 (9~36, 18~75, 43~160)	3.3, 5, 12, 15 ±5, ±12, ±15	1600 VDC	88%	-40°C~+85°C	SMD DIP24	1.25"x0.80"x0.40" 31.8x20.3x10.2mm	UL,CB,CE EN50155
MOP10(W)	10W	4.5~9, 9~18, 18~36, 36~75 (9~36, 18~75)	3.3, 5, 12, 15, 24 ±5, ±12, ±15	3000 VAC	89%	-40°C~+85°C	DIP24	1.25"x0.80"x0.40" 31.8x20.3x10.2mm	UL,CB CE,FCC
MPP10(W)	10W	4.5~9, 9~18, 18~36, 36~75 (9~36, 18~75)	3.3, 5, 12, 15, 24 ±5, ±12, ±15	5000 VAC	89%	-40°C~+85°C	DIP24	1.25"x0.80"x0.40" 31.8x20.3x10.2mm	UL,CB CE,FCC
FKC12(W)	12W	9~18, 18~36, 36~75 (9~36, 18~75)	2.5, 3.3, 5.1, 12, 15 ±5, ±12, ±15	1600 VDC	88%	-40°C~+85°C	SMD DIP24	1.25"x0.80"x0.40" 31.8x20.3x10.2mm	UL,CB,CE
FKC15(W)	15W	9~18, 18~36, 36~75 (9~36, 18~75)	3.3, 5.1, 12, 15 ±5, ±12, ±15	1600 VDC	91%	-40°C~+85°C	DIP24	1.25"x0.80"x0.40" 31.8x20.3x10.2mm	UL,CB,CE

1" X 1" PACKAGE (10~30W) ISOLATED DC-DC CONVERTERS



Series	Output Power	Input Voltage Range (VDC)	Output Voltage (VDC)	Isolation Voltage	Eff.	Operating Temp.	Package	Dimensions	Safety Approval
LCD10(W)	10W	9~18, 18~36, 36~75 (9~36, 18~75)	3.3, 5, 12, 15, 24 ±5, ±12, ±15	1600 VDC	91%	-40°C~+85°C	DIP	1.00"x1.00"x0.39" 25.4x25.4x9.9 mm	UL,CB,CE
LCD15(W)	15W	9~18, 18~36, 36~75 (9~36, 18~75)	3.3, 5, 12, 15 ±5, ±12, ±15	1600 VDC	89%	-40°C~+85°C	DIP	1.00"x1.00"x0.39" 25.4x25.4x9.9 mm	UL,CB,CE
LED15(W)	15W	18~36, 36~75 (9~36, 18~75)	3.3, 5, 12, 15	2250 VDC	88%	-40°C~+85°C	SMD DIP	1.10"x0.94"x0.33" 27.9x23.9x8.5 mm	UL,CB,CE
LCD20(W)	20W	9~18, 18~36, 36~75 (9~36, 18~75)	3.3, 5, 12, 15 ±12, ±15	1600 VDC	91%	-40°C~+85°C	DIP	1.00"x1.00"x0.39" 25.4x25.4x9.9 mm	UL,CB,CE
LCD30(W)	30W	9~18, 18~36, 36~75 (9~36, 18~75)	3.3, 5, 12, 15, 24 ±12, ±15, ±24	1600 VDC	93%	-40°C~+85°C	DIP	1.00"x1.00"x0.39" 25.4x25.4x9.9 mm	UL,CB,CE

2" X 1" PACKAGE (5~60W) ISOLATED DC-DC CONVERTERS



Series	Output Power	Input Voltage Range (VDC)	Output Voltage (VDC)	Isolation Voltage	Eff.	Operating Temp.	Package	Dimensions	Safety Approval
FDC05(W)	5W	9~18, 18~36, 36~75 (9~36, 18~75)	3.3, 5, 12, 15 ±5, ±12, ±15	1600 VDC	83%	-40°C~+85°C	DIP	2.00"x1.00"x0.40" 50.8x25.4x10.2mm	UL,CB,CE
FDC10(W)	10W	9~18, 18~36, 36~75 (9~36, 18~75)	3.3, 5, 12, 15 ±5, ±12, ±15	1600 VDC	87%	-40°C~+85°C	DIP	2.00"x1.00"x0.40" 50.8x25.4x10.2mm	UL,CB,CE
FEC15(W)	15W	9~18, 18~36, 36~75 (9~36, 18~75)	3.3, 5, 5.1, 12, 15 ±5, ±12, ±15	1600 VDC	88%	-40°C~+85°C	DIP	2.00"x1.00"x0.40" 50.8x25.4x10.2mm	UL,CB,CE
FED20(W)	20W	9~18, 18~36, 36~75 (9~36, 18~75)	1.5, 1.8, 2.5, 3.3, 5, 12, 15 ±12, ±15	1600 VDC	89%	-40°C~+85°C	DIP	2.00"x1.00"x0.40" 50.8x25.4x10.2mm	UL,CB,CE
RED20W	20W	9~36, 18~75, 43~160	3.3, 5, 12, 15, ±12, ±15	1600 VDC	89%	-40°C~+85°C	DIP	2.00"x1.00"x0.40" 50.8x25.4x10.2mm	UL,CB,CE EN50155
FED30(W)	30W	9~18, 18~36, 36~75 (9~36, 18~75)	1.5, 2.5, 3.3, 5, 5.1, 12, 15 ±5, ±12, ±15 3.3/±12, 3.3/±15, 5/±12, 5/±15	1600 VDC	91%	-40°C~+85°C	DIP	2.00"x1.00"x0.40" 50.8x25.4x10.2mm	UL,CB,CE
FED40(W)	40W	9~18, 18~36, 36~75 (9~36, 18~75, 43~160)	3.3, 5, 12, 15, 24 ±12, ±15, ±24	1600 VDC 3000 VDC	92%	-40°C~+85°C	DIP	2.00"x1.00"x0.40" 50.8x25.4x10.2mm	Pending
FED60(W)	60W	9~18, 18~36, 36~75 (9~36, 18~75)	3.3, 5, 12, 15, 24 ±12, ±15, ±24	1600 VDC	92%	-40°C~+85°C	DIP	2.00"x1.00"x0.40" 50.8x25.4x10.2mm	Pending

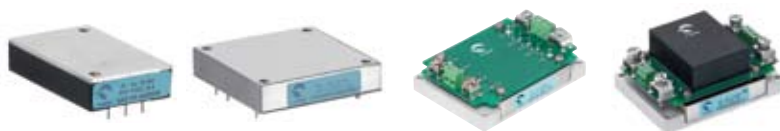
2" X 1.6" & 2" X 2" PACKAGE (15~60W) ISOLATED DC-DC CONVERTERS



Series	Output Power	Input Voltage Range (VDC)	Output Voltage (VDC)	Isolation Voltage	Eff.	Operating Temp.	Package	Dimensions	Safety Approval
FDC15	15W	9~36, 18~75	5, 12, 15 ±5, ±12, ±15	1600 VDC	82%	-40°C~+85°C	DIP	2.00"x1.60"x0.40" 50.8x40.6x10.2mm	UL,CB,CE
FDC20(W)	20W	9~18, 18~36, 36~75 (9~36, 18~75)	3.3, 5, 12, 15 ±5, ±12, ±15 3.3/±12, 3.3/±15, 5/±12, 5/±15	1600 VDC	87%	-40°C~+85°C	DIP	2.00"x1.60"x0.40" 50.8x40.6x10.2mm	UL,CB,CE
FEC30(W)	30W	9~18, 18~36, 36~75 (10~40, 18~75)	1.5, 1.8, 2.5, 3.3, 5, 12, 15 ±12, ±15	1600 VDC	90%	-40°C~+85°C	DIP	2.00"x1.60"x0.40" 50.8x40.6x10.2mm	UL,CB,CE
FEC40(W)	40W	9~18, 18~36, 36~75 (9~36, 18~75)	1.5, 1.8, 2.5, 3.3, 5, 12, 15 ±12, ±15, 3.3/5 3.3/±12, 3.3/±15, 5/±12, 5/±15	1600 VDC	90%	-40°C~+85°C	DIP	2.00"x2.00"x0.40" 50.8x50.8x10.2mm	UL,CB,CE
FEC60	60W	18~36, 36~75	3.3, 5, 12, 15, 24	1600 VDC	90%	-40°C~+85°C	DIP	2.00"x2.00"x0.40" 50.8x50.8x10.2mm	UL,CB,CE



BRICK PACKAGE (75~255W) ISOLATED DC-DC CONVERTERS



Series	Output Power	Input Voltage Range (VDC)	Output Voltage (VDC)	Isolation Voltage	Eff.	Operating Temp.	Package	Dimensions	Safety Approval
QAE100(W)	108W	8.5~22, 16.5~36, 33~75 (8.5~36, 16.5~75, 40~160)	3.3, 5, 12, 15, 24, 30, 48	3000 VAC	93%	-40°C~+85°C	Quarter Brick	2.28"x1.45"x0.50" 57.9x36.8x12.7mm	Pending
QAE150(W)	150W	8.5~22, 16.5~36, 33~75 (8.5~36, 16.5~75, 40~160)	3.3, 5, 12, 15, 24, 30, 48	3000 VAC	92%	-40°C~+85°C	Quarter Brick	2.28"x1.45"x0.50" 57.9x36.8x12.7mm	Pending
HAE75W	75W	9~36, 18~75, 43~160	3.3, 5, 12, 15, 24, 28, 48	2250 VDC 3000 VAC	91%	-40°C~+85°C	Half Brick	2.40"x2.28"x0.50" 61.0x57.9x12.7mm	UL,CB,CE EN50155
HAE100(W)	100W	9~18, 18~36, 36~75 (9~36, 18~75, 43~160)	3.3, 5, 12, 15, 24, 28, 48	2250 VDC 3000 VAC	93%	-40°C~+85°C	Half Brick	2.40"x2.28"x0.50" 61.0x57.9x12.7mm	UL,CB,CE EN50155
HAE150(W)	196W	8.5~22, 16.5~36, 33~75 (8.5~36, 16.5~75, 43~160)	3.3, 5, 12, 15, 24, 28, 48, 53	2250 VDC 3000 VAC	93%	-40°C~+85°C	Half Brick	2.40"x2.28"x0.50" 61.0x57.9x12.7mm	UL,CB,CE EN50155
HAE200(W)	255W	8.5~22, 16.5~36, 33~75 (8.5~36, 16.5~75, 43~160)	3.3, 5, 12, 15, 24, 28, 48, 53	2250 VDC 3000 VAC	93%	-40°C~+85°C	Half Brick	2.40"x2.28"x0.50" 61.0x57.9x12.7mm	UL,CB,CE EN50155

NON-ISOLATED DC-DC CONVERTERS (1~30A)



Series	Output Power	Input Voltage Range (VDC)	Output Voltage (VDC)	Eff.	Operating Temp.	Package	Dimensions	Safety Approval
ASR01	1A	-7~-32	-5, -5.2, -6, -8, -9, -12, -15	96%	-40°C~+85°C	SIP	0.46"x0.30"x0.65" 11.7x7.5x16.5mm	CE
NSR01	1A	4.6~36	1.5, 1.8, 2.5, 3, 3.3, 5, 6.5, 9, 12, 15 -1.5, -1.8, -2.5, -3, -3.3, -5, -6.5, -9, -12, -15	95.5%	-40°C~+85°C	SIP	0.46"x0.30"x0.40" 11.7x7.5x10.1mm	CE
PSR1.0	1A	4.6~36	1.2, 1.5, 1.8, 2.5, 3.3, 5, 6.5, 9, 12, 15	96%	-40°C~+85°C	SIP	0.46"x0.30"x0.40" 11.7x7.5x10.1mm	CE
SSR01	1A	3.0~36	2.5, 3.3, 5, 9, 12, 15 -3.3, -5, -9, -12, -15	95.5%	-40°C~+85°C	SMD	0.60"x0.37"x0.29" 15.2x9.3x7.3mm	CE
OSR03	3A	2.5~30	0.59 ~15 -0.59~-15	95%	-40°C~+85°C	SIP	0.37"x0.24"x0.61" 9.4x6.0x15.5mm	CE
DOS06 DOH06	6A	2.4~14	0.75 ~5	94%	-40°C~+85°C	SMD SIP	0.80"x0.45"x0.21" 20.3x11.4x5.4mm	UL,CB,CE
DOS10 DOH10	10A	2.4~14	0.75~5	95%	-40°C~+85°C	SMD SIP	1.30"x0.53"x0.30" 33.0x13.5x7.6mm	UL,CB,CE
DOS16 DOH16	16A	2.4~14	0.75~5	95%	-40°C~+85°C	SMD SIP	1.30"x0.53"x0.30" 33.0x13.5x7.6mm	UL,CB,CE
DOS30 DOH30	30A	4.5~14	0.8~5.5	93%	-40°C~+85°C	SMD SIP	1.30"x0.53"x0.31" 33.0x13.5x7.8mm	CE

WALL MOUNT TYPE (15~255W) WITH SCREW TERMINAL BLOCK



Series	Output Power	Input Voltage Range (VDC)	Output Voltage (VDC)	Isolation Voltage	Eff.	Operating Temp.	Package	Dimensions	Safety Approval
UFEC15W	15W	9.5~36, 18 ~ 75	3.3, 5, 5.1, 12, 15 ±5, ±12, ±15	1600 VDC	87%	-40°C~+85°C	U-Chassis	4.00"x2.25"x0.75" 101.6x57.2x19.1mm	CE
UFED20(W)	20W	9.5~18, 18~36, 36~75 (9.5~36, 18~75)	3.3, 5, 12, 15 ±5, ±12, ±15	1600 VDC	88%	-40°C~+85°C	U-Chassis	4.00"x2.25"x0.75" 101.6x57.2x19.1mm	CE
URED20W	20W	9.5~36, 18~75, 43~160	3.3, 5, 12, 15 ±12, ±15	1600 VDC	88%	-40°C~+85°C	U-Chassis	4.00"x2.25"x0.75" 101.6x57.2x19.1mm	CE
UFEC30(W)	30W	9.5~18, 18~36, 36~75 (10~40, 18~75)	3.3, 5, 12, 15, 24, 28 ±12, ±15	1600 VDC	89%	-40°C~+85°C	U-Chassis	4.00"x2.25"x0.75" 101.6x57.2x19.1mm	CE
UFEC40(W)	40W	9.5~18, 18~36, 36~75 (9.5~36, 18 ~ 75)	3.3, 5, 12, 15, 24, 28 ±12, ±15, 3.3/±12 3.3/±15, 5/±12, 5/±15	1600 VDC	89%	-40°C~+85°C	U-Chassis	4.00"x2.25"x0.75" 101.6x57.2x19.1mm	CE
UFED40W	40W	9.5~36, 18~75, 43 ~ 160	3.3, 5, 12, 15, 24 ±12, ±15, ±24	1600 VDC	91%	-40°C~+85°C	U-Chassis	4.00"x2.25"x0.75" 101.6x57.2x19.1mm	CE
UFEC60	60W	18~36, 36~75	3.3, 5, 12, 15, 24	1600 VDC	89%	-40°C~+85°C	U-Chassis	4.00"x2.25"x0.75" 101.6x57.2x19.1mm	CE
HAE75W-T	75W	9~36, 18~75, 43~160	3.3, 5, 12, 15, 24, 28, 48	2250 VDC 3000 VAC	91%	-40°C~+85°C	Half Brick	3.35"x2.40"x1.10" 85.1x61.0x27.9mm	UL,CB,CE EN50155
HAE100(W)-T	108W	9~18, 18~36, 36~75 (9~36, 18~75, 43~160)	3.3, 5, 12, 15, 24, 28, 48	2250 VDC 3000 VAC	93%	-40°C~+85°C	Half Brick	3.35"x2.40"x1.10" 85.1x61.0x27.9mm	UL,CB,CE EN50155
HAE150(W)-T	196W	8.5~22, 16.5~36, 33~75 (8.5~36, 16.5~75, 43~160)	3.3, 5, 12, 15, 24, 28, 48, 53	2250 VDC 3000 VAC	93%	-40°C~+85°C	Half Brick	3.35"x2.40"x1.27" 85.1x61.0x32.3mm	UL,CB,CE EN50155
HAE200(W)-T	255W	8.5~22, 16.5~36, 33~75 (8.5~36, 16.5~75, 43~160)	3.3, 5, 12, 15, 24, 28, 48, 53	2250 VDC 3000 VAC	93%	-40°C~+85°C	Half Brick	3.35"x2.40"x1.27" 85.1x61.0x32.3mm	UL,CB,CE EN50155
WAF(D)150	150W	9~36, 18~75, 43~160	12, 15, 24, 28, 48	2250 VDC	89%	-40°C~+85°C	Enclosed	3.86"x2.07"x0.67" 98.0x52.5x17.0mm	UL,CB,CE EN50155

DIN RAIL TYPE (15~60W) WITH SCREW TERMINAL BLOCK



Series	Output Power	Input Voltage Range (VDC)	Output Voltage (VDC)	Isolation Voltage	Eff.	Operating Temp.	Package	Dimensions	Safety Approval
DFEC15W	15W	9.5~36, 18 ~ 75	3.3, 5, 5.1, 12, 15 ±5, ±12, ±15	1600 VDC	86%	-40°C~+85°C	Enclosed	4.92"x2.27"x0.97" 124.9x57.6x24.5mm	CE
DFED20(W)	20W	9.5~18, 18~36, 36~75 (9.5~36, 18~75)	3.3, 5, 12, 15 ±5, ±12, ±15	1600 VDC	87%	-40°C~+85°C	Enclosed	4.92"x2.27"x0.97" 124.9x57.6x24.5mm	CE
DFEC30(W)	30W	9.5~18, 18~36, 36~75 (9.5~36, 18~75)	3.3, 5, 12, 15, 24, 28 ±12, ±15	1600 VDC	88%	-40°C~+85°C	Enclosed	4.92"x2.27"x0.97" 124.9x57.6x24.5mm	CE
DFEC40(W)	40W	9.5~18, 18~36, 36~75 (9.5~36, 36 ~ 75)	3.3, 5, 12, 15, 24, 28 ±12, ±15, 3.3/±12 3.3/±15, 5/±12, 5/±15	1600 VDC	87%	-40°C~+85°C	Enclosed	4.92"x2.27"x0.97" 124.9x57.6x24.5mm	CE
DFEC60	60W	18~36, 36~75	3.3, 5, 12, 15, 24	1600 VDC	88%	-40°C~+85°C	Enclosed	4.92"x2.27"x0.97" 124.9x57.6x24.5mm	CE

AC-DC power supplies

MEDICAL POWER SUPPLIES 2" x 3"(100W) & 2" x 4"(150W) PACKAGE



Series	Output Power	Input Voltage Range	Output Voltage (VDC)	Isolation Voltage	Eff.	Operating Temp.	Package	Dimensions	Safety Approval
MAD100	100W	85~264VAC (120 ~ 370VDC)	12, 15, 24, 28, 36, 48	4000 VAC	92%	-25°C~+80°C	Open	2.00"x3.00"x1.16" 50.8x76.2x29.5mm	UL, CB CE, FCC
MUD100	100W	85~264VAC (120 ~ 370VDC)	12, 15, 24, 28, 36, 48	4000 VAC	92%	-25°C~+80°C	U Chassis	2.44"x3.60"x1.54" 62.0x91.4x39.2mm	UL, CB CE, FCC
MED100	100W	85~264VAC (120 ~ 370VDC)	12, 15, 24, 28, 36, 48	4000 VAC	92%	-25°C~+80°C	Enclosed	2.44"x3.60"x1.54" 62.0x91.4x39.2mm	UL, CB CE, FCC
MDD100	100W	85~264VAC (120 ~ 370VDC)	12, 15, 24, 28, 36, 48	4000 VAC	92%	-25°C~+80°C	Din Rail	2.44"x3.60"x1.88" 62.0x91.4x47.9mm	UL, CB CE, FCC
MAF150	150W	85~264VAC (120 ~ 370VDC)	12, 15, 24, 28, 36, 48	4000 VAC	92%	-25°C~+80°C	Open	2.00"x4.00"x1.16" 50.8x101.6x29.5mm	UL, CB CE, FCC
MUF150	150W	85~264VAC (120 ~ 370VDC)	12, 15, 24, 28, 36, 48	4000 VAC	92%	-25°C~+80°C	U Chassis	2.44"x4.60"x1.54" 62.0x116.8x39.2mm	UL, CB CE, FCC
MEF150	150W	85~264VAC (120 ~ 370VDC)	12, 15, 24, 28, 36, 48	4000 VAC	92%	-25°C~+80°C	Enclosed	2.44"x4.60"x1.54" 62.0x116.8x39.2mm	UL, CB CE, FCC
MDF150	150W	85~264VAC (120 ~ 370VDC)	12, 15, 24, 28, 36, 48	4000 VAC	92%	-25°C~+80°C	Din Rail	2.44"x4.60"x1.88" 62.0x116.8x47.9mm	UL, CB CE, FCC



I.T.E POWER SUPPLIES 2" x 3"(100W) & 2" x 4"(150W) PACKAGE

Series	Output Power	Input Voltage Range	Output Voltage (VDC)	Isolation Voltage	Eff.	Operating Temp.	Package	Dimensions	Safety Approval
TAD100	100W	85~264VAC (120 ~ 370VDC)	12, 15, 24, 28, 36, 48	3000 VAC	92%	-40°C~+80°C	Open	2.00"x3.00"x1.16" 50.8x76.2x29.5mm	UL, CB, CE FCC
TUD100	100W	85~264VAC (120 ~ 370VDC)	12, 15, 24, 28, 36, 48	3000 VAC	92%	-40°C~+80°C	U Chassis	2.44"x3.60"x1.54" 62.0x91.4x39.2mm	UL, CB, CE FCC
TED100	100W	85~264VAC (120 ~ 370VDC)	12, 15, 24, 28, 36, 48	3000 VAC	92%	-40°C~+80°C	Enclosed	2.44"x3.60"x1.54" 62.0x91.4x47.9mm	UL, CB, CE FCC
TDD100	100W	85~264VAC (120 ~ 370VDC)	12, 15, 24, 28, 36, 48	3000 VAC	92%	-40°C~+80°C	Din Rail	2.44"x3.60"x1.88" 62.0x91.4x39.2mm	UL, CB, CE FCC
TAF150	150W	85~264VAC (120 ~ 370VDC)	12, 15, 24, 28, 36, 48	3000 VAC	92%	-40°C~+80°C	Open	2.00"x4.00"x1.16" 50.8x101.6x29.5mm	UL, CB, CE FCC
TUF150	150W	85~264VAC (120 ~ 370VDC)	12, 15, 24, 28, 36, 48	3000 VAC	92%	-40°C~+80°C	U Chassis	2.44"x4.60"x1.54" 62.0x116.8x39.2mm	UL, CB, CE FCC
TEF150	150W	85~264VAC (120 ~ 370VDC)	12, 15, 24, 28, 36, 48	3000 VAC	92%	-40°C~+80°C	Enclosed	2.44"x4.60"x1.54" 62.0x116.8x39.2mm	UL, CB, CE FCC
TDF150	150W	85~264VAC (120 ~ 370VDC)	12, 15, 24, 28, 36, 48	3000 VAC	92%	-40°C~+80°C	Din Rail	2.44"x4.60"x1.88" 62.0x116.8x47.9mm	UL, CB, CE FCC





P-DUKE

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