



P-DUKE
POWER

AC / DC Power Supplies

DC / DC Converters

POWER
SOLUTION





RAILWAY



IEC 60950-1 | IEC 62368-1 | EN 50155 : 2017 | EN 45545-2 | EN 61373

Series	Output Power	Input Voltage (VDC)	Output Voltage (VDC)	Eff.	Isolation Voltage	Package	Mounting Type
 RDL03W NEW	3 W	9 – 36, 18 – 75, 43 – 160	3.3, 5, 9, 12, 15, 24, ±5, ±12, ±15	83 %	3000 VDC	SIP8 0.86x 0.36x 0.44 Inch	SIP
 RDL06W NEW	6 W			87 %			
 FKC08W	8 W	9 – 36, 18 – 75, 43 – 160	3.3, 5, 12, 15, ±5, ±12, ±15	88 %	1600 VDC	DIP24 / SMD24 1.25x 0.80x 0.40 Inch	DIP SMD
 RCD15W NEW	15 W	9 – 36, 18 – 75, 36 – 160	3.3, 5, 12, 15, 24, ±5, ±12, ±15, ±24	91 %	3000 VDC	1.00x 1.00x 0.39 Inch	DIP
 RED20W	20 W	9 – 36, 18 – 75, 43 – 160	3.3, 5, 12, 15, ±12, ±15	89 %	2250 VDC	2.00x 1.00x 0.40 Inch	DIP
 FED40W	40 W	9 – 36, 18 – 75, 43 – 160	3.3, 5, 12, 15, 24, ±12, ±15, ±24	92 %	3000 VDC 1600 VDC	2.00x 1.00x 0.40 Inch	DIP
 QAE40U NEW	40 W	9 – 75, 14 – 160	5, 12, 15, 24, 28, 48, 53	92 %	3000 VAC	Quarter Brick 2.28x 1.45x 0.50 Inch	DIP
 QAE60U NEW	60 W			92 %			
 QAE100W	100 W	8.5 – 36, 16.5 – 75, 40 – 160	3.3, 5, 12, 15, 24, 30, 48	90 %	2250 VDC		
QAE150W	150 W			90 %			
 HAE75W	75 W	9 – 36, 18 – 75, 43 – 160	3.3, 5, 12, 15, 24, 28, 48	91 %	3000 VAC 3000 VDC	Half Brick 2.40x 2.28x 0.50 Inch	DIP
 HAE100W	100 W	8.5 – 36, 16.5 – 75, 43 – 160		93 %			
 HAE150W	196 W	8.5 – 36, 16.5 – 75, 43 – 160	3.3, 5, 12, 15, 24, 28, 48	91 %			
 HAE200W	255 W			91 %			
HAE200U NEW	200 W	16 – 160	5, 12, 15, 24, 28, 48, 53	92 %	3000 VAC		
 URED20W	20 W	9 – 36, 18 – 75, 43 – 160	3.3, 5, 12, 15, ±12, ±15	88 %	2250 VDC	4.00x 2.25x 0.75 Inch	Wall Mount Din-rail
UFED40W	40 W	9.5 – 36, 18 – 75, 43 – 160	3.3, 5, 12, 15, 24, ±12, ±15, ±24	91 %	3000 VDC 1600 VDC		
 HAE75W-T	75 W	9 – 36, 18 – 75, 43 – 160	3.3, 5, 12, 15, 24, 28, 48	91 %	3000 VAC 3000 VDC	3.35x 2.40x 1.59 Inch	Wall Mount
 HAE100W-T	100 W	8.5 – 36, 16.5 – 75, 43 – 160		93 %			
HAE150W-T	196 W	8.5 – 36, 16.5 – 75, 43 – 160	3.3, 5, 12, 15, 24, 28, 48	91 %			
HAE200W-T	255 W			91 %			
 WAF150W	150 W	9 – 36, 18 – 75, 43 – 160	12, 15, 24, 28, 48	89 %	2250 VDC	3.86x 2.56x 0.67 Inch	Wall Mount
WAD150W							
 WAF300W	300 W	18 – 75, 43 – 160	12, 15, 24, 28, 48	92 %	3000 VAC	6.00x 4.00x 1.52 Inch	Wall Mount Din-rail

■ -55°C Operating Temp. for M3 ver.



IEC 60950-1 | IEC 62368-1 | IEC 60601-1 Edition 3.1 | IEC 60601-1-2 4th Edition | ISO 13485 | ISO 14971

| DC/DC Converters |

Series	Output Power	Input Voltage (VDC)	Output Voltage (VDC)	Eff.	Isolation Voltage	Package	Mounting Type					
	MPS/H02 NEW 2 W	4.5 – 12, 9 – 18, 18 – 36, 36 – 75	3.3, 5, 9, 12, 15, 24, ±12, ±15	82 %	2MOPP 5000 VAC	DIP16 / SMD16 0.95x 0.57x 0.40 Inch	DIP SMD					
	MPS/H04 NEW 4 W		5, 9, 12, 15, 24, ±12, ±15	83 %								
	MOP03 MOP03W	4.5 – 9, 9 – 18, 18 – 36, 36 – 75 w : 9 – 36, 18 – 75	3.3, 5, 12, 15, 24 ±5, ±12, ±15	87.5%	2MOOP 3000 VAC	DIP24 1.25x 0.80x 0.40 Inch	DIP					
	MOP06 MOP06W			89%								
	MOP10 MOP10W			89%								
	MPP03 MPP03W			87.5%	2MOPP 5000 VAC							
	MPP06 MPP06W			89%								
	MPP10 MPP10W			89%								
				MPM15 NEW MPM15W	9 – 18, 18 – 36, 36 – 75 w : 9 – 36, 18 – 75			5, 12, 15, 24 ±5, ±12, ±15	90 %	2MOPP 5000 VAC	1.60x 1.00x 0.40 Inch	DIP
				MPM20 NEW MPM20W					90 %			
	MPD30 NEW MPD30W	9 – 18, 18 – 36, 36 – 75 w : 9 – 36, 18 – 75	5, 12, 15, 24 ±5, ±12, ±15	90.5 %	2MOPP 5000 VAC	2.00x 1.00x 0.40 Inch	DIP					

| AC/DC Power Supplies |

Series	Output Power	Input Voltage	Output Voltage (VDC)	Eff.	Isolation Voltage	Package	Mounting Type
	MSC15	15 W	3.3, 5, 7.5, 9, 12, 15, 18, 24, 28, 36, 48, 53	89 %	2MOPP 4000VAC	Encapsulated 1.14x 2.82x 0.82 Inch	Wall Mount DIP Din-rail
	MSD30	30 W		91.5 %		Encapsulated 1.50x 3.95x 1.00 Inch	
	MAC15	15 W	3.3, 5, 7.5, 9, 12, 15, 18, 24, 28, 36, 48, 53	89 %		Open Frame 1.00x 2.61x 0.62 Inch	Wall Mount DIP
	MAD30	30 W		91.5 %		Open Frame 1.36x 3.34x 0.77 Inch	
	MAD40 Single	40 W	5, 7.5, 9, 12, 15, 18, 24, 28, 36, 48, 53	93 %		Open Frame/Enclosed 2.00x 3.00x 0.94 Inch	Wall Mount Din-rail
	MAD65 Single	65 W	5, 7.5, 9, 12, 15, 18, 24, 28, 36, 48, 53	93.5 %			
	MAD40 Multi	40 W	Vo1 : +5, +7.5, +9, +12, +15, +18, +24, +28	90 %		Open Frame/Enclosed 2.00x 3.50x 0.98 Inch	
	MAD65 Multi	65 W	Vo2 : +2.5, +3.3, +5 Vo3 : +Vout or -Vout	90.5 %			
	MAD100	100 W	12, 15, 18, 24, 28, 36, 48	92 %	Open Frame/Enclosed 2.00x 3.00x 1.16 Inch		
	MAF150	150 W	12, 15, 18, 24, 28, 36, 48	92 %	Open Frame/Enclosed 2.00x 4.00x 1.16 Inch		
	MAH450	450 W	12, 15, 24, 28, 36, 48, 53	94 %	Open Frame/Enclosed 3.00x 5.00x 1.58 Inch	Wall Mount	



CB
Scheme



| AC/DC Power Supplies |

Series	Output Power	Input Voltage	Output Voltage (VDC)	Eff.	Isolation Voltage	Package	Mounting Type	
	TSC15	15 W	3.3, 5, 7.5, 9, 12, 15, 18, 24, 28, 36, 48, 53	89 %	3000 VAC	Encapsulated 1.14x 2.82x 0.82 Inch	Wall Mount DIP Din-rail	
	TSD30	30 W		91.5 %		Encapsulated 1.50x 3.95x 1.00 Inch		
	TAC15	15 W	3.3, 5, 7.5, 9, 12, 15, 18, 24, 28, 36, 48, 53	89 %		Open Frame 1.00x 2.61x 0.62 Inch	Wall Mount DIP	
	TAD30	30 W		91.5 %		Open Frame 1.36x 3.34x 0.77 Inch		
	TAD40 Single	40 W	5, 7.5, 9, 12, 15, 18, 24, 28, 36, 48, 53	93 %		Open Frame/Enclosed 2.00x 3.00x 0.94 Inch	Wall Mount Din-rail	
	TAD65 Single	65 W	5, 7.5, 9, 12, 15, 18, 24, 28, 36, 48, 53	93.5 %				
	TAD40 Multi	40 W	Vo1 : +5, +7.5, +9, +12, +15, +18, +24, +28	90 %				Open Frame/Enclosed 2.00x 3.50x 0.98 Inch
	TAD65 Multi	65 W	Vo2 : +2.5, +3.3, +5 Vo3 : +Vout or -Vout	90.5 %				
	TAD100	100 W	12, 15, 24, 28, 36, 48	92 %	Open Frame/Enclosed 2.00x 3.00x 1.16 Inch			
	TAF150	150 W	12, 15, 24, 28, 36, 48	92 %	Open Frame/Enclosed 2.00x 4.00x 1.16 Inch			
	TAH450	450 W	12, 15, 24, 28, 36, 48, 53	94 %	Open Frame/Enclosed 3.00x 5.00x 1.58 Inch	Wall Mount		

DC/DC Converters

NON-ISOLATED DC-DC CONVERTERS | 1-30A

Series		Output Power	Input Voltage (VDC)	Output Voltage (VDC)	Eff.	Package	Mounting Type	
	ASR01	1 A	-7 – -32	-5, -5.2, -6, -8, -9, -12, -15	96 %	0.46x 0.30x 0.65 Inch	SIP	
	NSR01	1 A	4.6 – 36	1.2, 1.5, 1.8, 2.5, 3, 3.3, 5, 6.5, 9, 12, 15 * -1.2, -1.5, -1.8, -2.5, -3, -3.3, -5, -6.5, -9, -12, -15	95.5 %	0.46x 0.30x 0.40 Inch	SIP	
	PSR1.0			1.2, 1.5, 1.8, 2.5, 3.3, 5, 6.5, 9, 12, 15	96 %			
	LSR01	1 A	3.0 – 36	1.2, 1.5, 1.8, 2.5, 3.3, 5.0, 6.5, 9.0, 12, 15	96 %	0.60x 0.37x 0.29 Inch	SMD	
	SSR01			2.5, 3.3, 5, 9, 12, 15 * -3.3, -5, -9, -12, -15	95.5 %			
	PSR02	2A	3.0 – 36	1.2, 1.5, 1.8, 2.5, 3.3, 5, 6.5, 9, 12, 15	96 %	0.55x 0.30x 0.40 Inch	SIP	
	OSR03	3 A	2.5 – 30	0.59 – 15 * -0.59 – -15	95 %	0.37x 0.24x 0.61 Inch	SIP	
	DOS06	6 A	2.4 – 14	0.75 – 5.0	94 %	0.80x 0.45x 0.25 Inch	SIP	
	DOH06						SMD	
	10 A	95 %			1.30x 0.53x 0.30 Inch	SIP		
DOH10								
	DOS16	16 A			95 %			
	DOH16							
	DOS30	30 A	4.5 – 14	0.8 – 5.5	93 %	1.30x 0.53x 0.31 Inch	SIP	
	DOH30							



SMALL SIZE & LOW PROFILE PACKAGE | 1-9W

Series	Output Power	Input Voltage (VDC)	Output Voltage (VDC)	Eff.	Isolation Voltage	Package	Mounting Type
 DUR01	1 W	3.3, 5, 9, 12, 15, 24 (±10%)	3.3, 5, 9, 12, 15 *Unregulated	80 %	1000 VDC	0.45x 0.24x 0.40 Inch	SIP
 DU1P0	1 W	5, 12, 15, 24 (±10%)	5, 12, 15, ±5, ±12, ±15 *Unregulated	82 %	3000 VDC 1000 VDC	0.77x 0.24x 0.40 Inch	SIP
 UDS/H01 UDS/H02 UDS/H03	1 W 2 W 3 W	4.5 – 13.2, 9 – 18, 18 – 36, 36 – 75	3.3, 5, 9, 12, 15, 24 ±5, ±12, ±15	83 % 84 % 84 %	1600 VDC	0.47x 0.44x 0.31 Inch	SMD SIP
 SDS/H01 SDS/H01W SDS/H02 SDS/H02W SDS/H03W SDS/H05 SDS/H05W	1W 2 W 3 W 5 W	4.5 – 9, 9 – 18, 18 – 36, 36 – 75 w : 4.5 – 18, 9 – 36, 18 – 75 4.5 – 13.2, 9 – 18, 18 – 36, w : 9-36, 18-75	3.3, 5, 9, 12, 15, 24 ±5, ±12, ±15	83 % 86 % 84 % 86 %	3000 VDC 1600 VDC	0.52x 0.36x 0.40 Inch	SMD DIP
 PDS/H02 PDS/H02W PDS/H03 PDS/H03W	2 W 3 W	4.5 – 9, 9 – 18, 18 – 36, 36 – 75 w : 4.5 – 18, 9 – 36, 18 – 75	3.3, 5, 9, 12, 15 ±5, ±12, ±15	84 % 83 %	3000 VDC 1600 VDC	0.74x 0.50x 0.33 Inch	SMD DIP
 EDL02 NEW EDL02W EDL03 NEW EDL03W	2 W 3 W	4.5 – 13.2, 9 – 18, 18 – 36, 36 – 75 W : 4.5 – 18, 9 – 36, 18 – 75	3.3, 5, 9, 12, 15, 24 ±5, ±12, ±15	86 %	1600 VDC	SIP8 0.86x 0.36x 0.44 Inch	SIP
 LDL03 NEW	3 W	4.5 – 13.2, 9 – 18, 18 – 36, 36 – 75	3.3, 5, 9, 12, 15, 24 ±5, ±12, ±15 *Low Ripple & Noise	85 %	1600 VDC		
 PDL02	2 W	4.5 – 9, 9 – 18, 18 – 36, 36 – 75	3.3, 5, 9, 12, 15, 24 ±5, ±12, ±15	84 %	3000 VDC 1600 VDC		
 PDL03 PDL03W	3 W	4.5 – 9, 9 – 18, 18 – 36, 36 – 75 w : 4.5 – 18, 9 – 36, 18 – 75	3.3, 5, 9, 12, 15, 24 ±5, ±12, ±15	85 %	3000 VDC 1600 VDC		
 PDL06 PDL06W	6 W	4.5 – 9, 9 – 18, 18 – 36, 36 – 75 w : 9 – 36, 18 – 75	3.3, 5, 9, 12, 15 ±5, ±12, ±15	88 %	1600 VDC		
 PDL09 PDL09W	9 W	9 – 18, 18 – 36, 36 – 75 w : 9 – 36, 18 – 75	3.3, 5, 9, 12, 15, 24 ±5, ±12, ±15	90 %	1600 VDC		
 RDL03W RDL06W	3 W 6 W	9 – 36, 18 – 75, 43 – 160	3.3, 5, 9, 12, 15, 24 ±5, ±12, ±15	83 % 87 %	3000 VDC		

■ -55°C Operating Temp. for M3 ver.

DIP24 PACKAGE | 3-15W

Series	Output Power	Input Voltage (VDC)	Output Voltage (VDC)	Eff.	Isolation Voltage	Package	Mounting Type
 FKC03 FKC05 FKC05W	3 W 5 W	9 – 18, 18 – 36, 36 – 75 9 – 18, 18 – 36, 36 – 75 w : 9 – 36, 18 – 75	3.3, 5, 12, 15 ±5, ±12, ±15	82 % 84 %	1600 VDC	DIP24 / SMD24 1.25x 0.80x 0.40 Inch	SMD DIP
 LKC05W	5 W	4.5 – 12, 9 – 36, 18 – 75	3.3, 5, 12, 15, 24 ±5, ±12, ±15, ±24 Vo1: 5 / 12 / 15 / 24 Vo2: 5 / 12 / 15 / 24 *Low Ripple & Noise	89 %			DIP
 FKC08 FKC08W	8 W	9-18, 18-36, 36-75 w : 9-36, 18-75, 43-160	3.3, 5, 12, 15 ±5, ±12, ±15	88 %			SMD DIP
 FKC12 FKC12W	12 W	9 – 18, 18 – 36, 36 – 75 w : 9 – 36, 18 – 75	2.5, 3.3, 5.1, 12, 15 ±5, ±12, ±15	88 %			SMD DIP
 FKC15 FKC15W	15 W		3.3, 5.1, 12, 15 ±5, ±12, ±15	91 %			DIP

■ -55°C Operating Temp. for M3 ver.

BRICK PACKAGE | 40-255W

Series	Output Power	Input Voltage (VDC)	Output Voltage (VDC)	Eff.	Isolation Voltage	Package	Mounting Type		
	QAE40U NEW 40 W	9 – 75, 14 – 160	5, 12, 15, 24, 28, 48, 53	91 %	3000 VAC	Quarter Brick 2.28x 1.45x 0.50 Inch	DIP		
	QAE60U NEW 60 W			92 %					
	QAE100 QAE100W	100 W	8.5 – 22, 16.5 – 36, 33 – 75 w : 8.5 – 36, 16.5 – 75, 40 – 160	3.3, 5, 12, 15, 24, 30, 48	93 %			3000 VAC 2250 VDC	
	QAE150 QAE150W	150 W			92 %				
	HAE75W 75 W	9 – 36, 18 – 75, 43 – 160	3.3, 5, 12, 15, 24, 28, 48	91 %	3000 VAC 3000 VDC	Half Brick 2.40x 2.28x 0.50 Inch			
	HAE100 HAE100W	100 W		9 – 18, 18 – 36, 36 – 75 w : 8.5 – 36, 16.5 – 75, 43 – 160				93 %	
	HAE150 HAE150W	196 W	8.5 – 22, 16.5 – 36, 33 – 75 w : 8.5 – 36, 16.5 – 75, 43 – 160	3.3, 5, 12, 15, 24, 28, 48, 53				93 %	
	HAE200 HAE200W	255 W						93 %	
	HAE200U NEW 200 W	200 W						16 – 160	5, 12, 15, 24, 28, 48, 53

WALL MOUNT & DIN RAIL TYPE | 15-300W

Series		Output Power	Input Voltage (VDC)	Output Voltage (VDC)	Eff.	Isolation Voltage	Package	Mounting Type
	DFEC15W	15 W	9.5 – 36, 18 – 75	3.3, 5, 5.1, 12, 15 ±5, ±12, ±15	86 %	1600 VDC	4.90X 2.27X 0.94 Inch	Din-rail
	DFED20 DFED20W	20 W	9.5 – 18, 18 – 36, 36 – 75 w : 9.5 – 36, 18 – 75	3.3, 5, 12, 15 ±5, ±12, ±15	87 %			
	DFEC30 DFEC30W	30 W	9.5 – 18, 18 – 36, 36 – 75 w : 10 – 40, 18 – 75	3.3, 5, 12, 15, 24, 28 ±12, ±15	88 %			
	DFEC40 DFEC40W	40 W	9.5 – 18, 18 – 36, 36 – 75 w : 9.5 – 36, 18 – 75	3.3, 5, 12, 15, 24, 28 ±12, ±15 3.3 / ±12, 3.3 / ±15, 5 / ±12, 5 / ±15	89 %			
	DFEC60	60 W	18 – 36, 36 – 75	3.3, 5, 12, 15, 24	89 %			
	UFEC15W	15 W	9.5 – 36, 18 – 75	3.3, 5, 5.1, 12, 15 ±5, ±12, ±15	87 %	1600 VDC	4.00X 2.25X 0.75 Inch	Wall Mount Din-rail
	UFED20 UFED20W	20 W	9.5 – 18, 18 – 36, 36 – 75 w : 9.5 – 36, 18 – 75	3.3, 5, 12, 15 ±5, ±12, ±15	88 %			
	URED20W	20 W	9 – 36, 18 – 75, 43 – 160	3.3, 5, 12, 15 ±12, ±15	88 %	2250 VDC		
	UFEC30 UFEC30W	30 W	9.5 – 18, 18 – 36, 36 – 75 w : 10 – 40, 18 – 75	3.3, 5, 12, 15, 24, 28 ±12, ±15	89 %	1600 VDC		
	UFEC40 UFEC40W	40 W	9.5 – 18, 18 – 36, 36 – 75 w : 9.5 – 36, 18 – 75	3.3, 5, 12, 15, 24, 28 ±12, ±15 3.3 / ±12, 3.3 / ±15, 5 / ±12, 5 / ±15	89 %			
	UFED40W	40 W	9.5 – 36, 18 – 75, 43 – 160	3.3, 5, 12, 15, 24 ±12, ±15, ±24	91 %	3000 VDC 1600 VDC		
	UFEC60	60 W	18 – 36, 36 – 75	3.3, 5, 12, 15, 24	89 %	1600 VDC		
	HAE75W-T	75 W	9 – 36, 18 – 75, 43 – 160	3.3, 5, 12, 15, 24, 28, 48	91 %	3000 VAC 3000 VDC	3.35x 2.40x 1.59 Inch	Wall Mount
	HAE100-T HAE100W-T	100 W	9 – 18, 18 – 36, 36 – 75 w : 8.5 – 36, 16.5 – 75, 43 – 160		93 %			
	HAE150-T HAE150W-T	196 W	8.5 – 22, 16.5 – 36, 33 – 75	3.3, 5, 12, 15, 24, 28, 48, 53	93 %			
	HAE200-T HAE200W-T	255 W	w : 8.5 – 36, 16.5 – 75, 43 – 160		93 %			
	WAF150W WAD150W	150 W	9 – 36, 18 – 75, 43 – 160	12, 15, 24, 28, 48	89 %	2250 VDC	3.86x 2.56x 0.67 Inch	Wall Mount
	WAF300W	300 W	18 – 75, 43 – 160	12, 15, 24, 28, 48	92 %	3000 VAC	6.00x 4.00x 1.52 Inch	Wall Mount Din-rail

P-DUKE has been respecting and emphasizing the importance of Intellectual Property Rights. We have obtained multinational patents so far. To all the advanced companies in this industry, do not violate our Intellectual Property. Once any enterprises or individuals are found guilty of the infringement of intellectual property rights may be subject to investigate. P-DUKE has the right to protect our customers and be responsible for shareholders' equity.

P-DUKE's patents include the following: US 7,894,214 B1, US 8,817,495 B2, Nr. 20 2010 006 407.4, ZL 2011 2 C088132.5 ...

1"x1" PACKAGE | 10-30W

Series	Output Power	Input Voltage (VDC)	Output Voltage (VDC)	Eff.	Isolation Voltage	Package	Mounting Type
 LCD10 LCD10W	10 W	9 – 18, 18 – 36, 36 – 75 w : 9 – 36, 18 – 75	3.3, 5, 12, 15, 24 ±5, ±12, ±15	91 %	1600 VDC	1.00x 1.00x 0.39 Inch	DIP
 LCD15 LCD15W	15 W		3.3, 5, 12, 15, 24 ±5, ±12, ±15, ±24	91 %			
 LCD20 LCD20W	20 W		3.3, 5, 12, 15, 24 ±12, ±15, ±24	92 %			
 LCD30 LCD30W	30 W		3.3, 5, 12, 15, 24 ±12, ±15, ±24	93 %			
 RCD15 NEW RCD15W	15 W	9 – 18, 18 – 36, 36 – 75 w : 9 – 36, 18 – 75, 36 – 160	3.3, 5, 12, 15, 24 ±5, ±12, ±15, ±24	91 %	3000 VDC 1600 VDC	1.10x 0.94x 0.33 Inch	SMD DIP
 LED15 LED15W	15 W	18 – 36, 36 – 75 w : 9 – 36, 18 – 75	3.3, 5, 12, 15	88 %	2250 VDC		

■ -55°C Operating Temp. for M3 ver.

2"x1" PACKAGE | 10-60W

Series	Output Power	Input Voltage (VDC)	Output Voltage (VDC)	Eff.	Isolation Voltage	Package	Mounting Type
 FDC10 FDC10W	10 W	9 – 18, 18 – 36, 36 – 75 w : 9 – 36, 18 – 75	3.3, 5, 12, 15 ±5, ±12, ±15	87 %	1600 VDC	2.00x 1.00x 0.40 Inch	DIP
 FEC15 FEC15W	15 W		3.3, 5, 5.1, 12, 15 ±5, ±12, ±15	88 %			
 FED20 FED20W	20 W		1.5, 1.8, 2.5, 3.3, 5, 12, 15 ±5, ±12, ±15	89 %			
 RED20W	20 W	9 – 36, 18 – 75, 43 – 160	3.3, 5, 12, 15 ±12, ±15	89 %	2250 VDC		
 FED30 FED30W	30 W	9 – 18, 18 – 36, 36 – 75 w : 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	91 %	1600 VDC		
 FED40 FED40W	40 W	9 – 18, 18 – 36, 36 – 75 w : 9 – 36, 18 – 75, 43 – 160	3.3, 5, 12, 15, 24 ±12, ±15, ±24	92 %	3000 VDC 1600 VDC		
 FED60 FED60W	60 W	9 – 18, 18 – 36, 36 – 75 w : 9 – 36, 18 – 75		92 %	1600 VDC		

■ -55°C Operating Temp. for M3 ver.

2"x1.6" & 2"x2" PACKAGE | 15-60W

Series	Output Power	Input Voltage (VDC)	Output Voltage (VDC)	Eff.	Isolation Voltage	Package	Mounting Type	
	FDC15	15 W	9 – 36, 18 – 75	5, 12, 15 ±5, ±12, ±15	82 %	1600 VDC	2.00x 1.60x 0.40 Inch	DIP
	FDC20 FDC20W	20 W	9 – 18, 18 – 36, 36 – 75 w : 9 – 36, 18 – 75	3.3, 5, 12, 15 ±5, ±12, ±15 3.3 / ±12, 3.3 / ±15, 5 / ±12, 5 / ±15	87 %			
	FEC30 FEC30W	30 W	9 – 18, 18 – 36, 36 – 75 w : 10 – 40, 18 – 75	1.5, 1.8, 2.5, 3.3, 5, 12, 15 ±12, ±15	90 %			
	FEC40 FEC40W	40 W	9 – 18, 18 – 36, 36 – 75 w : 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	90 %		2.00x 2.00x 0.40 Inch	
	 FEC60	60 W	18 – 36, 36 – 75	3.3, 5, 12, 15, 24	91 %			





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