



P-DUKE
POWER

AC/DC Power Supplies DC/DC Converters

2021 Product Portfolio



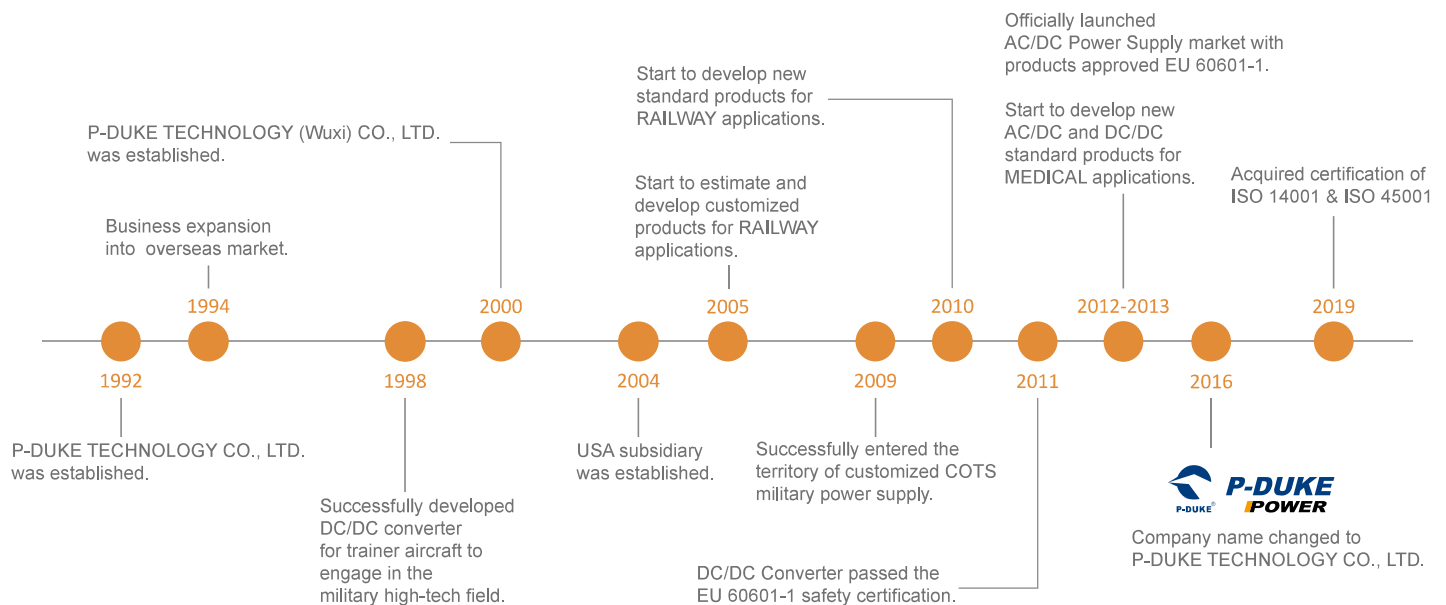
COMPANY PROFILE

Founded in 1992, P-DUKE 100% concentrated on the research, development, production, sales and service of DC/DC Converters and related products. With products sold under our own brand name, P-DUKE to Europe, America, and Japan, we accumulate great skills through years of experience and open up better product awareness which leads to further cooperation with world-famous companies, making P-DUKE an important role in the global market.



Through multiple methods, P-DUKE keeps following up the ever-changing pulse of power industry, and performs our 3S commitments to the highest. We provide a full range of product line, from standard types to customized products. Even the application engineering service of the final product systems is also our forte. What we have and what we do is exactly what you need, and this is why P-DUKE makes an irreplaceable role among customers and partners.

We expand our own brand, P-DUKE through various marketing channels to construct a worldwide network. Apart from stabilizing the existing markets, P-DUKE operates strategy management on Niche markets by changing from distribution to local direct selling. With the faith we hold, "Global Logistic, Local Management", we'll keep pushing new innovations toward power modules and therefore creating a full range of product line.

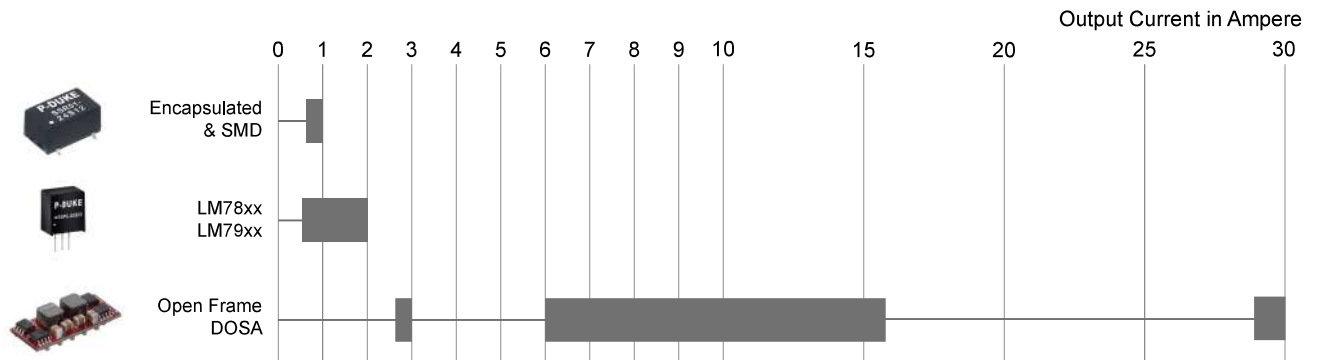


P-DUKE has engaged in developing DC/DC converters for 30 years, with abundant experience and knowledge, we can support our customers for providing the best solution to the application according to different requirements. It is important for AC/DC and DC/DC possessing high reliability and longevity as they always stand an important position in a system. Base on that, P-DUKE devotes to quality of each product as well as customer service in order to bring enormous benefit to our customers.

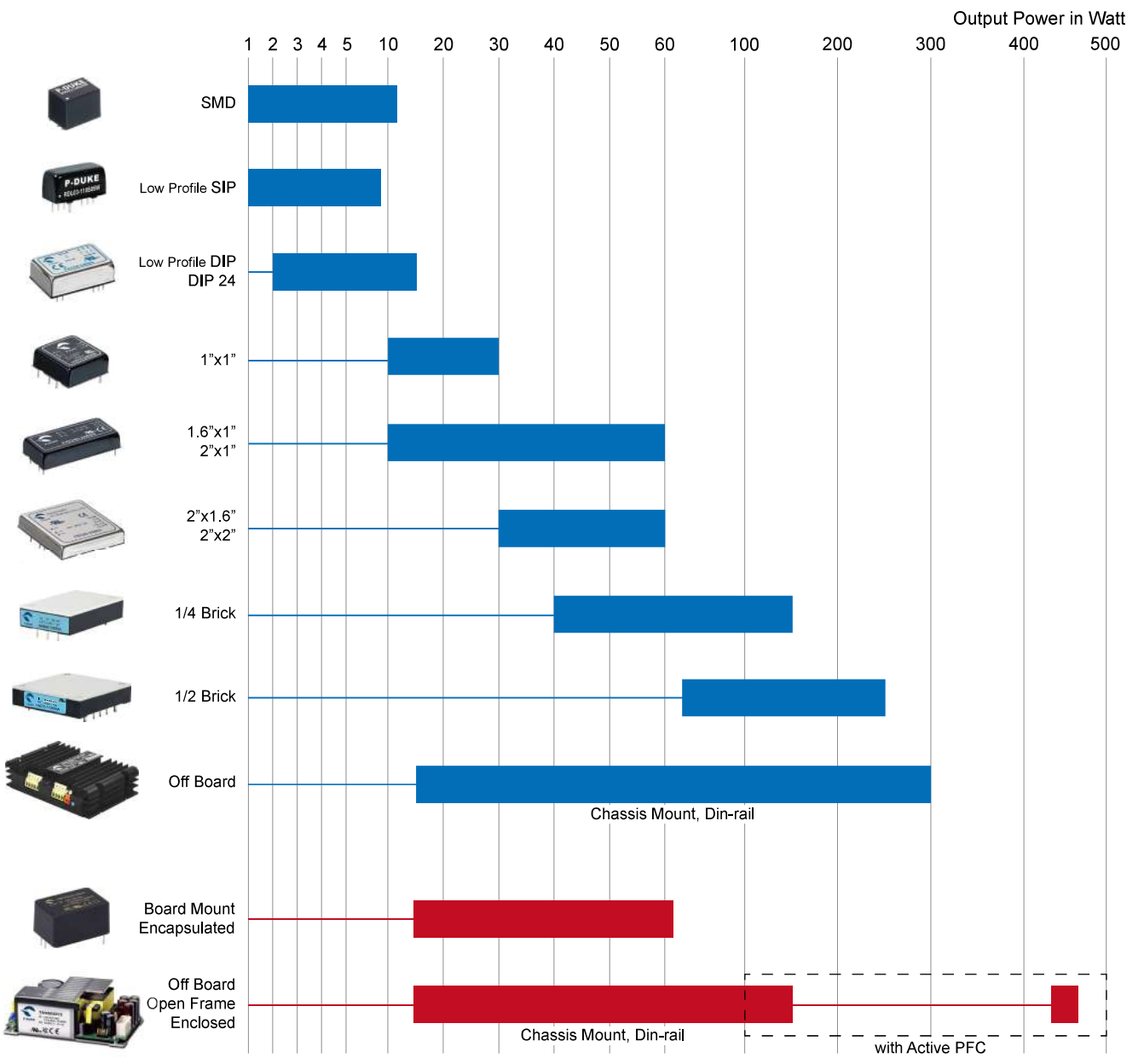


GENERAL INDUSTRY

Non-isolated DC/DC



Isolated DC/DC



AC/DC

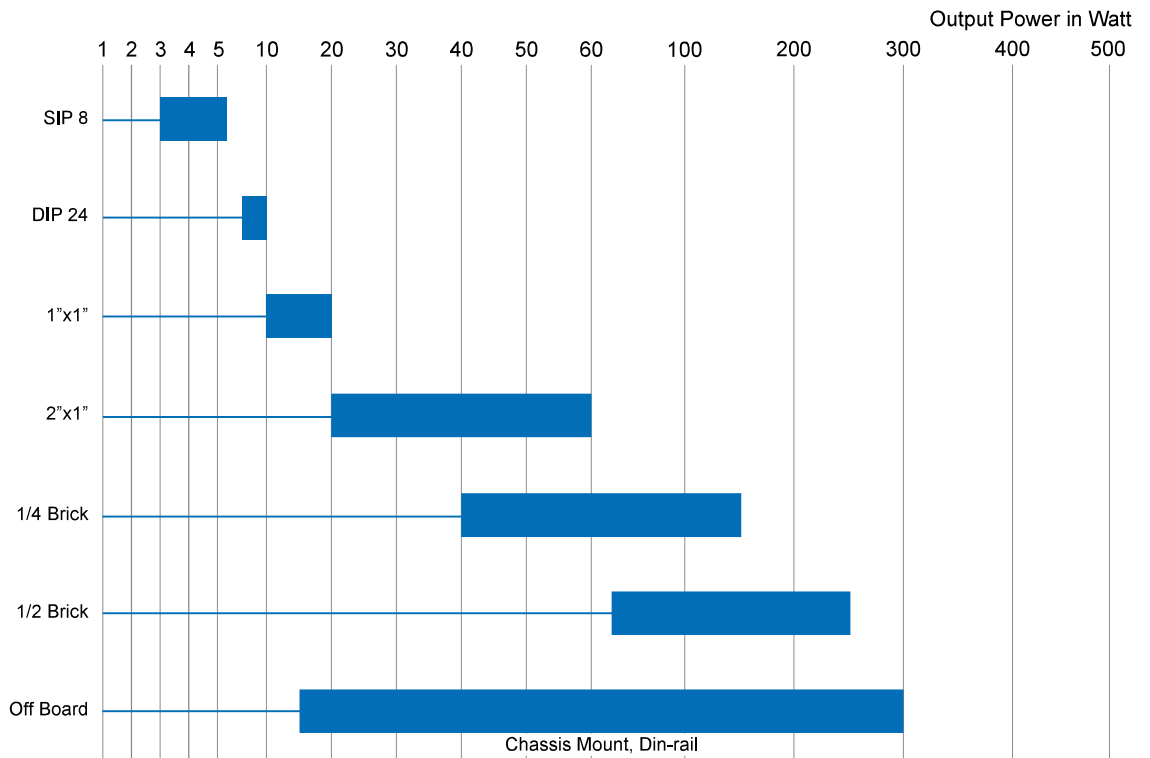


RAILWAY



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

Isolated DC/DC

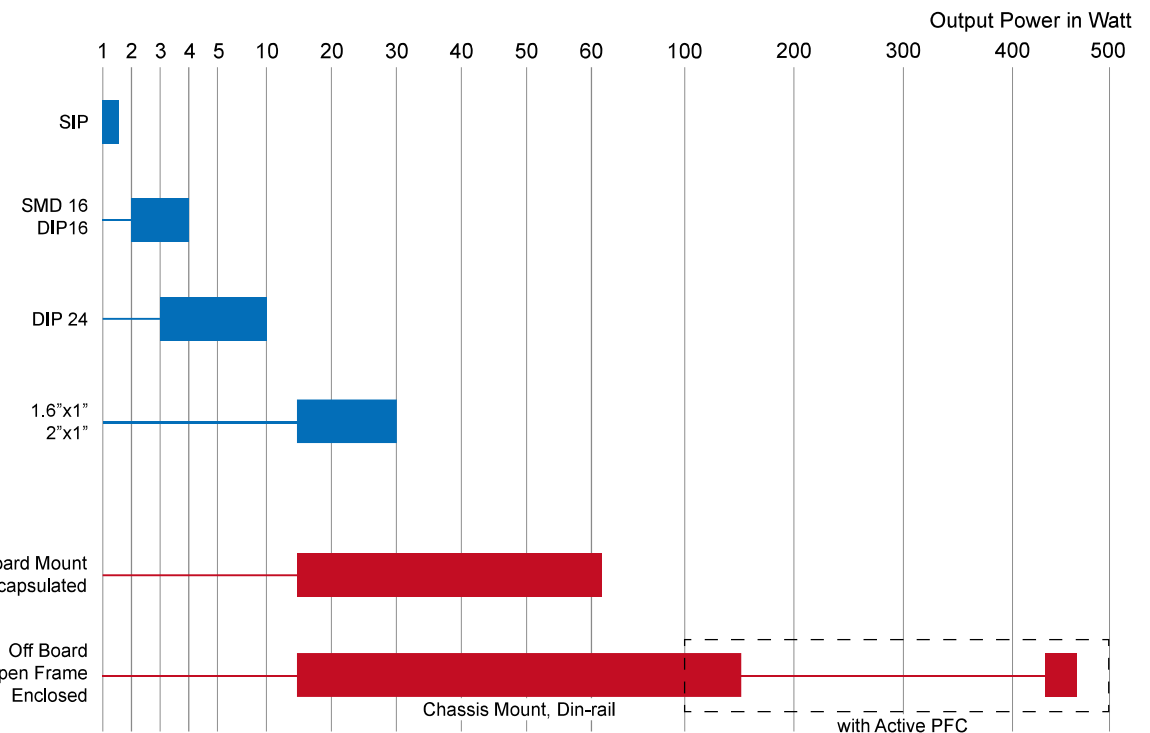


MEDICAL



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

Isolated DC/DC



AC/DC



AC/DC POWER SUPPLIES

AC/DC POWER SUPPLIES

Series	Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Eff. (%)	Isolation Voltage	Dimensions (Inch)
TSC15	15	85 - 264	3.3, 5, 7.5, 9, 12, 15, 18, 24, 28, 36, 48, 53	89	3000 VAC	Encapsulated 1.14 x 2.82 x 0.82
TSD30	30			91.5		Encapsulated 1.50 x 3.95 x 1.00
TSD40	40		5, 7.5, 9, 12, 15, 18, 24, 28, 36, 48, 53	93		Encapsulated 2.20 x 4.30 x 1.20
TSD65	65			93.5		
TAC15	15		3.3, 5, 7.5, 9, 12, 15, 18, 24, 28, 36, 48, 53	89		Open Frame 1.00 x 2.61 x 0.62
TAD30 TAD30-P	30			91.5		Open Frame 1.36 x 3.34 x 0.77
TAD40 Single ●	40		5, 7.5, 9, 12, 15, 18, 24, 28, 36, 48, 53	93		Open Frame/ Enclosed 2.00 x 3.00 x 0.94
TAD65 Single ● TAD65-P	65			93.5		
TAD40 Multi ●	40		5/ 3.3, 12/ 5, 12/ 3.3, 15/ 5, 24/ 5, 28/ 5, 5/ 3.3/ -5, 5/ 3.3/ 12, 5/ 3.3/ -12, 12/ 5/ -5, 12/ 5/ -12, 12/ 3.3/ 5, 12/ 3.3/ -12, 15/ 5/ -15, 24/ 5/ 12, 24/ 5/ -12	90		Open Frame/ Enclosed 2.00 x 3.50 x 0.98
TAD65 Multi ●	65			90.5		
TAD100	100		12, 15, 24, 28, 36, 48	92		Open Frame/ Enclosed 2.00 x 3.00 x 1.16
TAD125	125			92		
TAF150	150		12, 15, 24, 28, 36, 48	92		Open Frame/ Enclosed 2.00 x 4.00 x 1.16
TAH450	450		12, 15, 24, 28, 36, 48, 53	94		Open Frame/ Enclosed 3.00 x 5.00 x 1.58













NON-ISOLATED DC/DC CONVERTERS

NON-ISOLATED DC/DC CONVERTERS










Series	Output Current (A)	Input Voltage (VDC)	Output Voltage (VDC)	Eff. (%)	Isolation Voltage	Dimensions (Inch)
HSRP6	0.6	9 - 72	3.3, 5, 6.5, 9, 12, 15, 24	94	None	LM78xx 0.47 x 0.34 x 0.53
HSR01	1			93		LM78xx 0.48 x 0.34 x 0.69
ASR01	1	-7 - -32	-5, -5.2, -6, -8, -9, -12, -15	96		LM79xx 0.46 x 0.30 x 0.65
NSR01	1	4.6 - 36	1.2, 1.5, 1.8, 2.5, 3, 3.3, 5, 6.5, 9, 12, 15 *negative output application available	95.5		LM78xx 0.46 x 0.30 x 0.40
PSR1.0	1			96		
LSR01	1	3.0 - 36	1.2, 1.5, 1.8, 2.5, 3.3, 5.0, 6.5, 9.0, 12, 15 2.5, 3.3, 5, 9, 12, 15 *negative output application available	96		SMD 0.60 x 0.37 x 0.30
SSR01	1			95.5		
PSR02	2			96		LM78xx 0.55 x 0.30 x 0.40
OSR03	3	2.5 - 30	0.59 - 15 *negative output application available	95		SIP 0.37 x 0.24 x 0.61
DOS06 DOH06	6	2.4 - 5.5 8.3 - 14	0.75 - 5.0	94		SMD / SIP 0.80 x 0.45 x 0.25
DOS10 DOH10	10			95		SMD / SIP 1.30 x 0.53 x 0.30
DOS16 DOH16	16			95		
DOS30 DOH30	30			4.5 - 14		0.8 - 5.5

ISOLATED DC/DC CONVERTERS



SMALL SIZE & LOW PROFILE PACKAGE | 1 - 9W

Series	Output Power (W)	Input Voltage (VDC)	Output Voltage (VDC)	Eff. (%)	Isolation Voltage	Dimensions (Inch)						
 EUR01	1	3.3, 5, 12, 15, 24 * ±10%	3.3, 5, 9, 12, 15, 24 * Unregulated	81	3000 VDC 1600 VDC	SIP 0.45 x 0.24 x 0.39						
 DU1P0	1	5, 12, 15, 24 * ±10%	5, 12, 15, ±5, ±12, ±15 * Unregulated	82	3000 VDC 1600 VDC	SIP 0.77 x 0.24 x 0.40						
 UDS/H01	1	<table border="1"> <tr> <td>2:1</td> <td>4.5 - 13.2</td> <td>9 - 18</td> </tr> <tr> <td></td> <td>18 - 36</td> <td>36 - 75</td> </tr> </table>	2:1	4.5 - 13.2	9 - 18		18 - 36	36 - 75	3.3, 5, 9, 12, 15, 24, ±5, ±12, ±15	83	1600 VDC	SMD / SIP 0.47 x 0.44 x 0.31
2:1	4.5 - 13.2		9 - 18									
	18 - 36		36 - 75									
 UDS/H02	2	84										
 UDS/H03	3	84										
 SDS/H01	1	<table border="1"> <tr> <td>2:1</td> <td>4.5 - 9</td> <td>9 - 18</td> </tr> <tr> <td></td> <td>18 - 36</td> <td>36 - 75</td> </tr> </table>	2:1	4.5 - 9	9 - 18		18 - 36	36 - 75	3.3, 5, 9, 12, 15, 24, ±5, ±12, ±15	83	3000 VDC 1600 VDC	SMD / DIP 0.52 x 0.36 x 0.40
2:1	4.5 - 9		9 - 18									
	18 - 36		36 - 75									
 SDS/H01W	1		<table border="1"> <tr> <td>4:1</td> <td>4.5 - 18</td> <td>9 - 36</td> </tr> <tr> <td></td> <td>18 - 75</td> <td></td> </tr> </table>	4:1	4.5 - 18	9 - 36		18 - 75				
4:1	4.5 - 18	9 - 36										
	18 - 75											
 SDS/H02	2	<table border="1"> <tr> <td>4:1</td> <td>4.5 - 18</td> <td>9 - 36</td> </tr> <tr> <td></td> <td>18 - 75</td> <td></td> </tr> </table>	4:1	4.5 - 18	9 - 36		18 - 75		84			
4:1	4.5 - 18		9 - 36									
	18 - 75											
 SDS/H02W	2											
 SDS/H03W	3											
 SDS/H05	5	<table border="1"> <tr> <td>2:1</td> <td>4.5 - 13.2</td> <td>9 - 18</td> </tr> <tr> <td></td> <td>18 - 36</td> <td>36 - 75</td> </tr> </table>	2:1	4.5 - 13.2	9 - 18		18 - 36	36 - 75	86			
2:1	4.5 - 13.2		9 - 18									
	18 - 36	36 - 75										
 SDS/H05W	5	<table border="1"> <tr> <td>4:1</td> <td>9 - 36</td> <td>18 - 75</td> </tr> </table>	4:1	9 - 36	18 - 75							
4:1	9 - 36	18 - 75										
 PDS/H02	2	<table border="1"> <tr> <td>2:1</td> <td>4.5 - 9</td> <td>9 - 18</td> </tr> <tr> <td></td> <td>18 - 36</td> <td>36 - 75</td> </tr> </table>	2:1	4.5 - 9	9 - 18		18 - 36	36 - 75	3.3, 5, 9, 12, 15, ±5, ±12, ±15	84	3000 VDC 1600 VDC	SMD / DIP 0.74 x 0.50 x 0.34
2:1	4.5 - 9		9 - 18									
	18 - 36	36 - 75										
 PDS/H02W	2											
 PDS/H03	3	<table border="1"> <tr> <td>4:1</td> <td>4.5 - 18</td> <td>9 - 36</td> </tr> <tr> <td></td> <td>18 - 75</td> <td></td> </tr> </table>	4:1	4.5 - 18	9 - 36		18 - 75		83			
4:1	4.5 - 18		9 - 36									
	18 - 75											
 PDS/H03W	3											
 EDL02	2	<table border="1"> <tr> <td>2:1</td> <td>4.5 - 13.2</td> <td>9 - 18</td> </tr> <tr> <td></td> <td>18 - 36</td> <td>36 - 75</td> </tr> </table>	2:1	4.5 - 13.2	9 - 18		18 - 36	36 - 75	3.3, 5, 9, 12, 15, 24, ±5, ±12, ±15	86	1600 VDC	
2:1	4.5 - 13.2		9 - 18									
	18 - 36	36 - 75										
 EDL02W	2											
 EDL03	3	<table border="1"> <tr> <td>4:1</td> <td>4.5 - 18</td> <td>9 - 36</td> </tr> <tr> <td></td> <td>18 - 75</td> <td></td> </tr> </table>	4:1	4.5 - 18	9 - 36		18 - 75		85			
4:1	4.5 - 18		9 - 36									
	18 - 75											
 EDL03W	3											
 LDL03	3	<table border="1"> <tr> <td>2:1</td> <td>4.5 - 13.2</td> <td>9 - 18</td> </tr> <tr> <td></td> <td>18 - 36</td> <td>36 - 75</td> </tr> </table>	2:1	4.5 - 13.2	9 - 18		18 - 36	36 - 75	3.3, 5, 9, 12, 15, 24, ±5, ±12, ±15	85	1600 VDC	
2:1	4.5 - 13.2	9 - 18										
	18 - 36	36 - 75										
 PDL02	2	<table border="1"> <tr> <td>2:1</td> <td>4.5 - 9</td> <td>9 - 18</td> </tr> <tr> <td></td> <td>18 - 36</td> <td>36 - 75</td> </tr> </table>	2:1	4.5 - 9	9 - 18		18 - 36	36 - 75	3.3, 5, 9, 12, 15, ±5, ±12, ±15	84	3000 VDC 1600 VDC	SIP 0.86 x 0.36 x 0.44
2:1	4.5 - 9		9 - 18									
	18 - 36	36 - 75										
 PDL02W	2											
 PDL03	3	<table border="1"> <tr> <td>2:1</td> <td>4.5 - 9</td> <td>9 - 18</td> </tr> <tr> <td></td> <td>18 - 36</td> <td>36 - 75</td> </tr> </table>	2:1	4.5 - 9	9 - 18		18 - 36	36 - 75	3.3, 5, 9, 12, 15, ±5, ±12, ±15	85		
2:1	4.5 - 9		9 - 18									
	18 - 36	36 - 75										
 PDL03W	3	<table border="1"> <tr> <td>4:1</td> <td>4.5 - 18</td> <td>9 - 36</td> </tr> <tr> <td></td> <td>18 - 75</td> <td></td> </tr> </table>	4:1	4.5 - 18	9 - 36		18 - 75					
4:1	4.5 - 18	9 - 36										
	18 - 75											
 PDL06	6	<table border="1"> <tr> <td>2:1</td> <td>4.5 - 9</td> <td>9 - 18</td> </tr> <tr> <td></td> <td>18 - 36</td> <td>36 - 75</td> </tr> </table>	2:1	4.5 - 9	9 - 18		18 - 36	36 - 75	3.3, 5, 9, 12, 15, 24, ±5, ±12, ±15	88	1600 VDC	
2:1	4.5 - 9		9 - 18									
	18 - 36	36 - 75										
 PDL06W	6	<table border="1"> <tr> <td>4:1</td> <td>9 - 36</td> <td>18 - 75</td> </tr> </table>	4:1	9 - 36	18 - 75							
4:1	9 - 36	18 - 75										
 PDL09	9	<table border="1"> <tr> <td>2:1</td> <td>9 - 18</td> <td>18 - 36</td> </tr> <tr> <td></td> <td>36 - 75</td> <td></td> </tr> </table>	2:1	9 - 18	18 - 36		36 - 75		3.3, 5, 9, 12, 15, 24, ±5, ±12, ±15	90	1600 VDC	
2:1	9 - 18		18 - 36									
	36 - 75											
 PDL09W	9	<table border="1"> <tr> <td>4:1</td> <td>9 - 36</td> <td>18 - 75</td> </tr> </table>	4:1	9 - 36	18 - 75							
4:1	9 - 36	18 - 75										
 RDL03W	3	<table border="1"> <tr> <td>4:1</td> <td>9 - 36</td> <td>18 - 75</td> </tr> </table>	4:1	9 - 36	18 - 75	3.3, 5, 9, 12, 15, 24, ±5, ±12, ±15	83	3000 VDC	SIP 0.86 x 0.36 x 0.44			
4:1	9 - 36		18 - 75									
 RDL06W	6	<table border="1"> <tr> <td></td> <td>43 - 160</td> <td></td> </tr> </table>		43 - 160		87						
	43 - 160											

DIP 24 PACKAGE | 3 - 15W

Series	Output Power (W)	Input Voltage (VDC)	Output Voltage (VDC)	Eff. (%)	Isolation Voltage	Dimensions (Inch)						
 FKC03	3	<table border="1"> <tr> <td>2:1</td> <td>9 - 18</td> <td>18 - 36</td> </tr> <tr> <td></td> <td>36 - 75</td> <td></td> </tr> </table>	2:1	9 - 18	18 - 36		36 - 75		3.3, 5, 12, 15, ±5, ±12, ±15	82	1600 VDC	DIP 24 / SMD 24 1.25 x 0.80 x 0.40
2:1	9 - 18	18 - 36										
	36 - 75											
 FKC05	5	<table border="1"> <tr> <td>2:1</td> <td>9 - 18</td> <td>18 - 36</td> </tr> <tr> <td></td> <td>36 - 75</td> <td></td> </tr> </table>	2:1	9 - 18	18 - 36		36 - 75		3.3, 5, 12, 15, ±5, ±12, ±15	84		
2:1	9 - 18		18 - 36									
	36 - 75											
 FKC05W	5	<table border="1"> <tr> <td>4:1</td> <td>9 - 36</td> <td>18 - 75</td> </tr> </table>	4:1	9 - 36	18 - 75							
4:1	9 - 36	18 - 75										
 FKC08	8	<table border="1"> <tr> <td>2:1</td> <td>9 - 18</td> <td>18 - 36</td> </tr> <tr> <td></td> <td>36 - 75</td> <td></td> </tr> </table>	2:1	9 - 18	18 - 36		36 - 75		3.3, 5, 12, 15, ±5, ±12, ±15	88		
2:1	9 - 18		18 - 36									
	36 - 75											
 FKC08W	8	<table border="1"> <tr> <td>4:1</td> <td>9 - 36</td> <td>18 - 75</td> </tr> <tr> <td></td> <td>43 - 160</td> <td></td> </tr> </table>	4:1	9 - 36	18 - 75		43 - 160					
4:1	9 - 36	18 - 75										
	43 - 160											
 FKC12	12	<table border="1"> <tr> <td>2:1</td> <td>9 - 18</td> <td>18 - 36</td> </tr> <tr> <td></td> <td>36 - 75</td> <td></td> </tr> </table>	2:1	9 - 18	18 - 36		36 - 75		2.5, 3.3, 5.1, 12, 15, ±5, ±12, ±15	88		
2:1	9 - 18		18 - 36									
	36 - 75											
 FKC12W	12	<table border="1"> <tr> <td>4:1</td> <td>9 - 36</td> <td>18 - 75</td> </tr> </table>	4:1	9 - 36	18 - 75							
4:1	9 - 36	18 - 75										
 FKC15	15	<table border="1"> <tr> <td>2:1</td> <td>9 - 18</td> <td>18 - 36</td> </tr> <tr> <td></td> <td>36 - 75</td> <td></td> </tr> </table>	2:1	9 - 18	18 - 36		36 - 75		3.3, 5.1, 12, 15, ±5, ±12, ±15	91	DIP 24 1.25 x 0.80 x 0.40	
2:1	9 - 18		18 - 36									
	36 - 75											
 FKC15W	15	<table border="1"> <tr> <td>4:1</td> <td>9 - 36</td> <td>18 - 75</td> </tr> </table>	4:1	9 - 36	18 - 75							
4:1	9 - 36	18 - 75										

DIP 24 PACKAGE | 3-15W

Series	Output Power (W)	Input Voltage (VDC)	Output Voltage (VDC)	Eff. (%)	Isolation Voltage	Dimensions (Inch)
 LKC05W	5	4:1 4.5 - 12 9 - 36 18 - 75	3.3, 5, 12, 15, 24, ±5, ±12, ±15, ±24	89	1600 VDC	DIP 24 1.25 x 0.80 x 0.40
 RHK10W	10	4:1 36 - 160	3.3, 5, 5.1, 12, 15, 24, ±5, ±12, ±15	88	3000 VAC	

1" x 1" PACKAGE | 10-30W

Series	Output Power (W)	Input Voltage (VDC)	Output Voltage (VDC)	Eff. (%)	Isolation Voltage	Dimensions (Inch)
LCD10 LCD10W	10	2:1 9 - 18 18 - 36 36 - 75 4:1 9 - 36 18 - 75	3.3, 5, 12, 15, 24, ±5, ±12, ±15	91	1600 VDC	DIP 1.00 x 1.00 x 0.39
LCD15 LCD15W	15		3.3, 5, 12, 15, 24, ±5, ±12, ±15, ±24	91		
LCD20 LCD20W	20		3.3, 5, 12, 15, 24, ±12, ±15, ±24	92		
LCD30 LCD30W	30	3.3, 5, 12, 15, 24, ±12, ±15, ±24	93	3000 VDC 1600 VDC		
RCD10W	10	4:1 9 - 36 18 - 75 36 - 160	3.3, 5, 12, 15, 24, ±5, ±12, ±15, ±24		90	
RCD15 RCD15W	15	2:1 9 - 18 18 - 36 36 - 75 4:1 9 - 36 18 - 75 36 - 160	3.3, 5, 12, 15, 24, ±5, ±12, ±15, ±24		91	
RCD20W	20	4:1 9 - 36 18 - 75 36 - 160	3.3, 5, 5.1, 12, 15, 24, ±12, ±15, ±24	91	2250 VDC	SMD / DIP 1.10 x 0.94 x 0.33
LED15 LED15W	15	2:1 18 - 36 36 - 75 4:1 9 - 36 18 - 75	3.3, 5, 12, 15	88		


2" x 1" PACKAGE | 10-60W

Series	Output Power (W)	Input Voltage (VDC)	Output Voltage (VDC)	Eff. (%)	Isolation Voltage	Dimensions (Inch)
FDC10 FDC10W	10	2:1 9 - 18 18 - 36 36 - 75 4:1 9 - 36 18 - 75	3.3, 5, 12, 15, ±5, ±12, ±15	87	1600 VDC	DIP 2.00 x 1.00 x 0.40
FEC15 FEC15W	15		3.3, 5, 5.1, 12, 15, ±5, ±12, ±15	88		
FED20 FED20W	20		1.5, 1.8, 2.5, 3.3, 5, 12, 15, ±5, ±12, ±15	89		
FED30 FED30W	30	2:1 9 - 18 18 - 36 36 - 75 4:1 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		
EED40 EED40W	40	3.3, 5, 12, 15, 24, ±12, ±15, ±24	93	2250 VDC		
FED60 FED60W	60	3.3, 5, 12, 15, 24, ±12, ±15, ±24	92			
RED20W	20	4:1 9 - 36 18 - 75 43 - 160	3.3, 5, 12, 15, ±12, ±15	89	3000 VDC	
RED40W	40	4:1 9 - 36 18 - 75 36 - 160	3.3, 5, 12, 15, 24, 48, 53, ±12, ±15, ±24	93		
RED60W	60	3.3, 5, 5.1, 12, 15, 24, 48, 53, ±12, ±15, ±24	94	3000 VAC	DIP 2.00 x 2.00 x 0.40	
RHD40W	40	4:1 36 - 160	5, 5.1, 12, 15, 24, ±12, ±15			90


2" x 1.6" & 2" x 2" PACKAGE | 15-60W

Series	Output Power (W)	Input Voltage (VDC)	Output Voltage (VDC)	Eff. (%)	Isolation Voltage	Dimensions (Inch)
FDC20 FDC20W	20	2:1 9 - 18 18 - 36 36 - 75 4:1 9 - 36 18 - 75	3.3, 5, 12, 15, ±5, ±12, ±15, 3.3 / ±12, 3.3 / ±15, 5 / ±12, 5 / ±15	87	1600 VDC	DIP 2.00 x 1.60 x 0.40
FEC30 FEC30W	30	2:1 9 - 18 18 - 36 36 - 75 4:1 10 - 40 18 - 75	1.5, 1.8, 2.5, 3.3, 5, 12, 15, ±12, ±15	90		
FEC40 FEC40W	40	2:1 9 - 18 18 - 36 36 - 75 4:1 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		DIP 2.00 x 2.00 x 0.40
FEC60	60	2:1 9 - 18 18 - 36	3.3, 5, 12, 15, 24	91		





QUARTER BRICK PACKAGE | 40 - 132W

Series	Output Power (W)	Input Voltage (VDC)	Output Voltage (VDC)	Eff. (%)	Isolation Voltage	Dimensions (Inch)
 N QAE40U	40		5, 12, 15, 24, 28, 48, 53	91	3000 VAC 2250 VDC	Quarter Brick 2.28 x 1.45 x 0.50
N QAE60U	60	Ultra 9 - 75 14 - 160		91		
N QAE100U	100			90		
QAE100 QAE100W	108	2:1 8.5 - 22 16.5 - 36 33 - 75	93			
QAE150 QAE150W	150	4:1 8.5 - 36 16.5 - 75 40 - 160	92			

HALF BRICK PACKAGE | 75 - 255W

Series	Output Power (W)	Input Voltage (VDC)	Output Voltage (VDC)	Eff. (%)	Isolation Voltage	Dimensions (Inch)
 HAE75W	75	4:1 9 - 36 18 - 75 43 - 160	3.3, 5, 12, 15, 24, 28, 48	91	3000 VAC 3000 VDC	Half Brick 2.40 x 2.28 x 0.50
HAE100 HAE100W	100	2:1 9 - 18 18 - 36 36 - 75 4:1 8.5 - 36 16.5 - 75 43 - 160		93		
HAE150 HAE150W	196	2:1 8.5 - 22 16.5 - 36 33 - 75		93		
HAE200 HAE200W	255	4:1 8.5 - 36 16.5 - 75 43 - 160	93			
N HAE150U	150	Ultra 16 - 160	5, 12, 15, 24, 28, 48, 53	92.5		
N HAE200U	200			92		

OFF BOARD | 15 - 300W

Series	Output Power (W)	Input Voltage (VDC)	Output Voltage (VDC)	Eff. (%)	Isolation Voltage	Dimensions (Inch)
 UFEC15W	15	4:1 9.5 - 36 18 - 75	3.3, 5, 5.1, 12, 15, ±5, ±12, ±15	87	1600 VDC	Wall Mount / Din-rail 4.00 x 2.25 x 0.75
UFED20 UFED20W	20	2:1 9.5 - 18 18 - 36 36 - 75 4:1 9.5 - 36 18 - 75	3.3, 5, 12, 15, ±5, ±12, ±15	88		
URED20W	20	4:1 9 - 36 18 - 75 43 - 160	3.3, 5, 12, 15, ±12, ±15	88	2250 VDC	
UFEC30 UFEC30W	30	2:1 9.5 - 18 18 - 36 36 - 75 4:1 10 - 40 18 - 75	3.3, 5, 12, 15, 24, 28 ±12, ±15	89	1600 VDC	
UFEC40 UFEC40W	40	2:1 9.5 - 18 18 - 36 36 - 75 4:1 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	3000 VDC 1600 VDC	
UFED40W	40	4:1 9.5 - 36 18 - 75 43 - 160	3.3, 5, 12, 15, 24, ±12, ±15, ±24	91	3000 VDC 1600 VDC	
UFEC60	60	2:1 18 - 36 36 - 75	3.3, 5, 12, 15, 24	89	1600 VDC	
 HAE75W-T	75	4:1 9 - 36 18 - 75 43 - 160	3.3, 5, 12, 15, 24, 28, 48	91	3000 VAC 3000 VDC	Wall Mount 3.35 x 2.40 x 1.59
HAE100-T HAE100W-T	100	2:1 9 - 18 18 - 36 36 - 75 4:1 8.5 - 36 16.5 - 75 43 - 160		93		
HAE150-T HAE150W-T	182	2:1 8.5 - 22 16.5 - 36 33 - 75		93		
HAE200-T HAE200W-T	255	4:1 8.5 - 36 16.5 - 75 43 - 160	93			
 WAF150W WAD150W	150	4:1 9 - 36 18 - 75 43 - 160	12, 15, 24, 28, 48	89		
 WAF300W	300	4:1 18 - 75 43 - 160	12, 15, 24, 28, 48	92	3000 VAC	Wall Mount / Din-rail 6.00 x 4.00 x 1.52




DC/DC CONVERTERS

ISOLATED DC/DC CONVERTERS

Series	Output Power (W)	Input Voltage (VDC)	Output Voltage (VDC)	Eff. (%)	Isolation Voltage	Dimensions (Inch)
RDL03W ●	3	4:1 9 - 36 18 - 75 43 - 160	3.3, 5, 9, 12, 15, 24, ±5, ±12, ±15	83	3000 VDC	SIP 8 0.86 x 0.36 x 0.44
RDL06W ●	6			87		
FKC08W ●	8			88	1600 VDC	
N RHK10W	10	4:1 36 - 160	3.3, 5, 5.1, 12, 15, 24 ±5, ±12, ±15	88	3000 VAC	DIP 24 1.25 x 0.80 x 0.40
RCD10W ●	10	4:1 9 - 36 18 - 75 36 - 160	3.3, 5, 12, 15, 24, ±5, ±12, ±15, ±24	90	3000 VDC	DIP 1.00 x 1.00 x 0.39
RCD15W ●	15			91		
N RCD20W ●	20			91		
RED20W ●	20	4:1 9 - 36 18 - 75 43 - 160	3.3, 5, 12, 15, ±12, ±15,	89	2250 VDC	DIP 2.00 x 1.00 x 0.40
RED40W	40	4:1 9 - 36 18 - 75 36 - 160	3.3, 5, 12, 15, 24, 48, 53, ±12, ±15, ±24	93	3000 VDC	
RED60W	60	94	3.3, 5, 5.1, 12, 15, 24, 48, 53, ±12, ±15, ±24			
N RHD40W	40	4:1 36 - 160	5, 5.1, 12, 15, 24, ±12, ±15	90	3000 VAC	
N QAE40U	40	Ultra 9 - 75 14 - 160	5, 12, 15, 24, 28, 48, 53	91	3000 VAC 2250 VDC	Quarter Brick 2.28 x 1.45 x 0.50
N QAE60U	60			91		
N QAE100U	100			90		
QAE100W	90	4:1 8.5 - 36 16.5 - 75 40 - 160	3.3, 5, 12, 15, 24, 30, 48	90		
QAE150W	132	90				
HAE75W	75	4:1 9 - 36 18 - 75 43 - 160	3.3, 5, 12, 15, 24, 28, 48	91	3000 VAC 3000 VDC	Half Brick 2.40 x 2.28 x 0.50
HAE100W	100	4:1 8.5 - 36 16.5 - 75 43 - 160		93		
HAE150W	182			91		
HAE200W	240	91				
N HAE150U	150	Ultra 16 - 160	5, 12, 15, 24, 28, 48, 53	92.5	3000 VAC	
N HAE200U	200	92				
URED20W	20	4:1 9 - 36 18 - 75 43 - 160	3.3, 5, 12, 15, ±12, ±15	88	2250 VDC	Wall Mount / Din-rail 4.00 x 2.25 x 0.75
UFED40W	40	4:1 9.5 - 36 18 - 75 43 - 160	3.3, 5, 12, 15, 24, ±12, ±15, ±24	91	3000 VDC 1600 VDC	
HAE75W-T	75	4:1 9 - 36 18 - 75 43 - 160	3.3, 5, 12, 15, 24, 28, 48	91	3000 VAC 3000 VDC	Wall Mount 3.35 x 2.40 x 1.59
HAE100W-T	100	4:1 8.5 - 36 16.5 - 75 43 - 160		93		
HAE150W-T	182			91		
HAE200W-T	255	91				
WAF150W	150	4:1 9 - 36 18 - 75 43 - 160	12, 15, 24, 28, 48	89	3000 VDC 2250 VDC	Wall Mount 3.86 x 2.56 x 0.67
WAD150W						
WAF300W	300	4:1 18 - 75 43 - 160	12, 15, 24, 28, 48	92	3000 VAC	Wall Mount / Din-rail 6.00 x 4.00 x 1.52









SURGE SUPPRESSION MODULE

Series	Output Power (W)	Input Voltage (VDC)	Transient Voltage (VDC)	Clamp Voltage (VDC)	Meet Standard	Dimensions (Inch)	
	SSM-110P50-001	20	43 - 160	385 VDC, 20 ms, max.	168	RIA12 Surge Susceptibility NF F 01-510	
	SSM-110004-001	150					DIP 24 1.25 x 0.80 x 0.40
	SSM-110008-001	300					DIP 1.60 x 1.00 x 0.40








MEDICAL

AC/DC POWER SUPPLIES

Series	Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Eff. (%)	Isolation Voltage	Dimensions (Inch)	
	MSC15	85 - 264	3.3, 5, 7.5, 9, 12, 15, 18, 24, 28, 36, 48, 53	89	4000 VAC	Encapsulated 1.14 x 2.82 x 0.82	
	MSD30			30		91.5	Encapsulated 1.50 x 3.95 x 1.00
	MSD40		40	5, 7.5, 9, 12, 15, 18, 24, 28, 36, 48, 53		93	Encapsulated 2.20 x 4.30 x 1.20
	MSD65		65			93.5	
	MAC15		15	3.3, 5, 7.5, 9, 12, 15, 18, 24, 28, 36, 48, 53		89	Open Frame 1.00 x 2.61 x 0.62
	MAD30		30			91.5	Open Frame 1.36 x 3.34 x 0.77
	MAD40 Single		40	5, 7.5, 9, 12, 15, 18, 24, 28, 36, 48, 53		93	Open Frame/ Enclosed 2.00 x 3.00 x 0.94
	MAD65 Single		65			93.5	
	MAD40 Multi		40	5/ 3.3/ 12/ 5, 12/ 3.3/ 15/ 5, 24/ 5, 28/ 5, 5/ 3.3/ -5, 5/ 3.3/ 12, 5/ 3.3/ -12, 12/ 5/ -5, 12/ 5/ -12, 12/ 3.3/ 5, 12/ 3.3/ -12, 15/ 5/ -15, 24/ 5/ 12, 24/ 5/ -12		90	Open Frame/ Enclosed 2.00 x 3.50 x 0.98
	MAD65 Multi		65			90.5	
	MAD100		100	12, 15, 24, 28, 36, 48		92	Open Frame/ Enclosed 2.00 x 3.00 x 1.16
	MAF150		150	12, 15, 24, 28, 36, 48		92	Open Frame/ Enclosed 2.00 x 4.00 x 1.16
	MAH450	450	12, 15, 24, 28, 36, 48, 53	94	Open Frame/ Enclosed 3.00 x 5.00 x 1.58		

AC/DC POWER SUPPLIES

DC/DC CONVERTERS

Series	Output Power (W)	Input Voltage (VDC)	Output Voltage (VDC)	Eff. (%)	Isolation Voltage	Dimensions (Inch)
	MPU01	1	4.5 - 5.5 9.6 - 14.4 12 - 18 19.2 - 28.8	85	2MOPP 5000 VAC	SIP 0.77 x 0.49 x 0.39
	MPS/H02	2	2:1 4.5 - 12 9 - 18	82		SMD 16 / DIP 16 0.95 x 0.57 x 0.40
	MPS/H04	3.5	18 - 36 36 - 75	83		
	MPP03 MPP03W	3	2:1 4.5 - 9 9 - 18	87.5		DIP 24 1.25 x 0.80 x 0.40
	MPP06 MPP06W	6	18 - 36 36 - 75	89		
	MPP10 MPP10W	10	4:1 9 - 36 18 - 75	89		
	MPM15 MPM15W	15	2:1 9 - 18 18 - 36	90		DIP 1.60 x 1.00 x 0.40
	MPM20 MPM20W	20	36 - 75	90		
	MPD30 MPD30W	30	4:1 9 - 36 18 - 75	90.5		DIP 2.00 x 1.00 x 0.40

ISOLATED DC/DC CONVERTERS



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