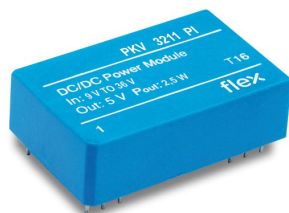


Product Series Overview – Analog DC/DC Converters

PKV Series (1.65-3W)

Description: Built in the industry-standard DIL 24 format encapsulated DC/DC converter with wide input voltage range of 4:1 for industrial and Railway application



Series name	Vin Range (VDC)	Vout Nominal (VDC)	Iout (A)	Power (W)	Efficiency (%)	Package	Size: LxWxH (mm)
PKV3110 PI	9-36	3.3	0.5	1.65	73	Industry - standard DIL 24	31.8 x 20.3 x 10.7 mm (1.25 x 0.80 x 0.42 in)
PKV3211 PI	9-36	5	0.5	2.5	82		
PKV3313 PI	9-36	12	0.25	3	82		
PKV3315 PI	9-36	15	0.2	3	82		
PKV3222 PI	9-36	5/-5	0.25	2.5	82		
PKV3321 PI	9-36	12/-12	0.125	3	82		
PKV3325 PI	9-36	15/-15	0.1	3	80		
PKV5110 PI	18-72	3.3	0.5	1.65	73		
PKV5211 PI	18-72	5	0.5	2.5	82		
PKV5313 PI	18-72	12	0.25	3	82		
PKV5315 PI	18-72	15	0.2	3	82		
PKV5222 PI	18-72	5/-5	0.25	2.5	82		
PKV5321 PI	18-72	12/-12	0.125	3	82		
PKV5325 PI	18-72	15/-15	0.1	3	82		

PKE Series (15-30W)

Description: 1"x1" encapsulated DC/DC converter with wide input voltage for industrial and Railway application



Series name	Vin Range (VDC)	Vout Nominal (VDC)	Iout (A)	Power (W)	Efficiency (%)	Package	Size: LxWxH (mm)
PKE3210 PI	9-36	3.3	4.5	15	84.6	1" x 1" Industry-standard Through hole	25.4 x 25.4 x 10.8mm (1.0 x 1.0 x 0.43 inch)
PKE3211 PI	9-36	5	3	15	88		
PKE3213 PI	9-36	12	1.25	15	86.5		
PKE3215 PI	9-36	15	1	15	85.8		
PKE3316ZPI	9-36	24	1.25	30	90		
PKE5210 PI	18-75	3.3	4.5	15	84.1		
PKE5211 PI	18-75	5	3	15	84.3		
PKE5213 PI	18-75	12	1.25	15	86.3		
PKE5215 PI	18-75	15	1	15	84.4		

PKE-A (30-40W)

Description: 1"x2" encapsulated DC/DC converter with wide input voltage for industrial and Railway application



Series name	Vin Range (VDC)	Vout Nominal (VDC)	Iout (A)	Power (W)	Efficiency (%)	Package	Size: LxWxH (mm)
PKE3313A PI	9-36	12	2.5	30	89	1" x 2" Industry-standard Through hole	50.8 x 25.4 x 11.9mm (2.0 x 1.0 x 0.47 inch)

PKU-A (60W)

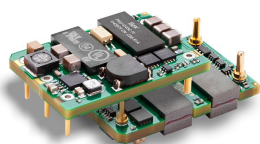
Description: 1"x2" encapsulated DC/DC converter with wide input voltage for industrial and Railway application



Series name	Vin Range (VDC)	Vout Nominal (VDC)	Iout (A)	Power (W)	Efficiency (%)	Package	Size: LxWxH (mm)
PKU4611ASI	36-60	5.0	12	60	94	1/16 Brick Through hole, SMD	33.0 x 22.8 x 8.4 mm (1.3 x 0.9 x 0.33 in)

PKU-C (100W)

Description: The 100 W power Sixteenth Brick low profile modules provide 5 to 33 V fully regulated output up to 100 W.



Series name	Vin Range (VDC)	Vout Nominal (VDC)	Iout (A)	Power (W)	Efficiency (%)	Package	Size: LxWxH (mm)
PKU4105C PI	36-75	5.0	20	100	93.6	1/16 Brick Through hole, SMD	33 x 22.9 x 8.5 mm (1.3 x 0.9 x 0.334 in)
PKU4106C	45-75	5.5	18	100	93.7		
PKU4107C PI	36-75	6	16	100	93.5		
PKU4813C	36-75	12	7	84	90.6		
PKU4104C PI	36-75	12	8.3	100	93.4	1/16 Brick Through hole, SMD	33 x 22.9 x 9.6 mm (1.3 x 0.9 x 0.38 in)
PKU4815C	36-75	15	5.7	86	91.6		
PKU4116C	36-75	30	3.3	100	92.0		
PKU4416Z	28-60	24	1.8	43.2	88.3		

PKU-E (50W)

Description: Wide input 50-66 W power Sixteenth Brick



Series name	Vin Range (VDC)	Vout Nominal (VDC)	Iout (A)	Power (W)	Efficiency (%)	Package	Size: LxWxH (mm)
PKU4517VE	18-60	5.5	9	50	92	1/16 Brick Through hole, SMD	33.02 x 22.86 x 9.40 mm (1.3 x 0.9 x 0.370 in)
PKU5510E	18-75	3.3	15	50	92		
PKU5511E	18-75	5	10	50	92		
PKU5513E	18-75	12	4.2	50	91.7		
PKU5517VE	28-60	6	8.5	50	90.7		
PKU4610E	36-75	3.3	20	66	92		
PKU4717E	36-75	6.5	10	65	89.8		

PKB-C (50-200W)

Description: The Eighth Brick power module is designed for high power and tight output regulation



Series name	Vin Range (VDC)	Vout Nominal (VDC)	Iout (A)	Power (W)	Efficiency (%)	Package	Size: LxWxH (mm)
PKB4518NC	36-75	1.0	50	50	87.2	1/8 Brick Through hole, SMD	58.42 x 22.76 x 8.60 mm (2.3 x 0.896 x 0.34 in)
PKB4718LC PI	36-75	1.2	60	72	87.5		
PKB4918HC P	36-75	1.5	60	90	88		
PKB4118GC PII	36-75	1.8	60	108	89		
PKB4110C PI	36-75	3.3	40	132	91	1/8 Brick Through hole, SMD	58.40 x 22.70 x 8.60 mm (2.3 x 0.89 x 0.34 in)
PKB4111C PI	36-75	5.0	28	140	92		
PKB4113C PI	36-75	12	12	144	92.5		
PKB4216C	36-75	30	6.7	200	94.2		



PKB-D (132-450W)

Description: PKB-D is a high power up to 450W isolated DC/DC converter in an industry standard Eighth Brick package.

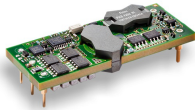
Series name	Vin Range (VDC)	Vout Nominal (VDC)	Iout (A)	Power (W)	Efficiency (%)	Package	Size: LxWxH (mm)
PKB4110D	36-75	3.3	40	132	94.7	1/8 Brick Through hole, SMD	8.4 x 22.7 x 9.6 mm (2.30 x 0.89 x 0.38 in) 58.1 x 22.7 x 13.2 mm (2.29 x 0.89 x 0.52 in) dimension with base plate option
PKB4111D	36-75	5.0	30	150	94.5		
PKB4211D	36-75	5.0	40	200	95.3		
PKB4217ND	36-75	10.0	25	250	95.7		
PKB4213D	36-75	12	22	264	95.4	1/8 Brick Through hole, Baseplate	
PKB4313D	36-75	12	25	300	96.2		
PKB4313DA *	36-75	12	32.5	390	95.6	1/8 Brick optional SMD & Baseplate	
PKB4413DA *	36-75	12	34	408	96.2		
PKB4413D *	36-60	12	37.5	450	96.0		
PKB4210DA	36-75	3.3	62	205	95.5		
PKB4211DA	36-75	5.0	52	260	95.5		

* baseplate as mandatory

PKB-F (240W)

Description: PKB-F is 240W isolated DC/DC converter in an industry standard Eighth Brick package.

Series name	Vin Range (VDC)	Vout Nominal (VDC)	Iout (A)	Power (W)	Efficiency (%)	Package	Size: LxWxH (mm)
PKB4204	40-75	12	20	240	95.5	1/8 Brick Through hole, SMD	58.4 x 22.7 x 10.1 mm (2.30 x 0.89 x 0.38 in)



PKB-W (99-120W)

Description: PKB-W is 100-120W isolated DC/DC converter in an industry standard Eighth Brick package provides ultra- wide input range from 18-75V DC

Series name	Vin Range (VDC)	Vout Nominal (VDC)	Iout (A)	Power (W)	Efficiency (%)	Package	Size: LxWxH (mm)
PKB5110W PI	18-75	3.3	30	99	91.5	1/8 Brick Through hole	58.4 x 22.9 x 9.91 mm (2.3 x 0.9 x 0.39 in)
PKB5111W PI	18-75	5	20	100	91.5		
PKB5113W PI	18-75	12	10	120	91.5		



PKJ (700W)

Description: PKJ is 700W isolated DC/DC converter in an industry standard half Brick package for RFPA application

Series name	Vin Range (VDC)	Vout Nominal (VDC)	Iout (A)	Power (W)	Efficiency (%)	Package	Size: LxWxH (mm)
PKJ4716APIHS	36-75	28	25	700	96.2	Half-Brick Through hole	61.0 x 57.9 x 12.7 mm (2.4 x 2.28 x 0.50 in)



PKM-A (100-150W)

Description: Quarter Brick encapsulated DC/DC converter with wide input voltage for industrial and Railway application

Series name	Vin Range (VDC)	Vout Nominal (VDC)	Iout (A)	Power (W)	Efficiency (%)	Package	Size: LxWxH (mm)
PKM7111A PIP	66-160	5	20	100	86	1/4 Brick Through hole	57.9 x 36.8 x 12.7 mm (2.28 x 1.45 x 0.5 in)
PKM7113A PIP	66-160	12	8.33	100	86		
PKM7115A PIP	66-160	15	6.66	100	86		
PKM7116ZA PIP	66-160	24	4.16	100	89		
PKM7116JA PIP	66-160	48	2.08	100	90		
PKM7213A PIP	66-160	12	12.5	150	86		
PKM7215A PIP	66-160	15	10	150	88		
PKM7216ZA PIP	66-160	24	6.25	150	89		



PKM - F (396W)

Description: PKM-F is 400W isolated DC/DC converter in an industry standard Quarter Brick package

Series name	Vin Range (VDC)	Vout Nominal (VDC)	Iout (A)	Power (W)	Efficiency (%)	Package	Size: LxWxH (mm)
PKM4304	40-75	12	33	396	96.7	1/4 Brick Through hole	57.9 x 36.8 x 11.6 mm (2.28 x 1.45 x 0.46 in)



PKM - NH (580-864W)

Description: The PKM-NH series power modules are fully regulated DC/DC converters, offering extreme high power as 750-850W in a quarter brick size, using advanced regulation for high power efficiency, high current double output pinning together with evolved thermal management, which makes this series products very suitable for a wide range of demanding applications

Series name	Vin Range (VDC)	Vout Nominal (VDC)	Iout (A)	Power (W)	Efficiency (%)	Package	Size: LxWxH (mm)
PKM4717NH PI	40-60	10.8	70	756	96.7	1/4 Brick Through hole	57.9 x 36.8 x 11.4 mm (2.28 x 1.45 x 0.45 in)
PKM4717BNH PI	40-60	10.8	70	756	96.7		
PKM4817NH PIHS	40-60	10.8	80	864	96.6		
PKM4817LNH PI	40-60	10.8	80	820	97.0		
PKM4613ANH PI	36-75	11.6	50	580	96.4		
PKM4613NH PI	36-75	12	50	600	96.5		



PKU-D (110-260W)

Description: The PKU-D series is an industry standard low profile 1/16 brick DC/DC converter.

Series name	Vin Range (VDC)	Vout Nominal (VDC)	Iout (A)	Power (W)	Efficiency (%)	Package	Size: LxWxH (mm)
PKU4110D	36-75	3.3	33.3	110	93.6	1/16 Brick	33x22.86x 11.3 (1.3x0.9x 0.44")
PKU4111D	36-75	5	30	150	93.6		
PKU4113D	36-75	12	10	120	94.9		
PKU4213D	36-75	12	17	204	94.9		
PKU4217D	36-60	10	25	260	96.1		

