



特征
FEATURES

损耗比铁粉芯更低耗
良好的直流偏置性
性价比高

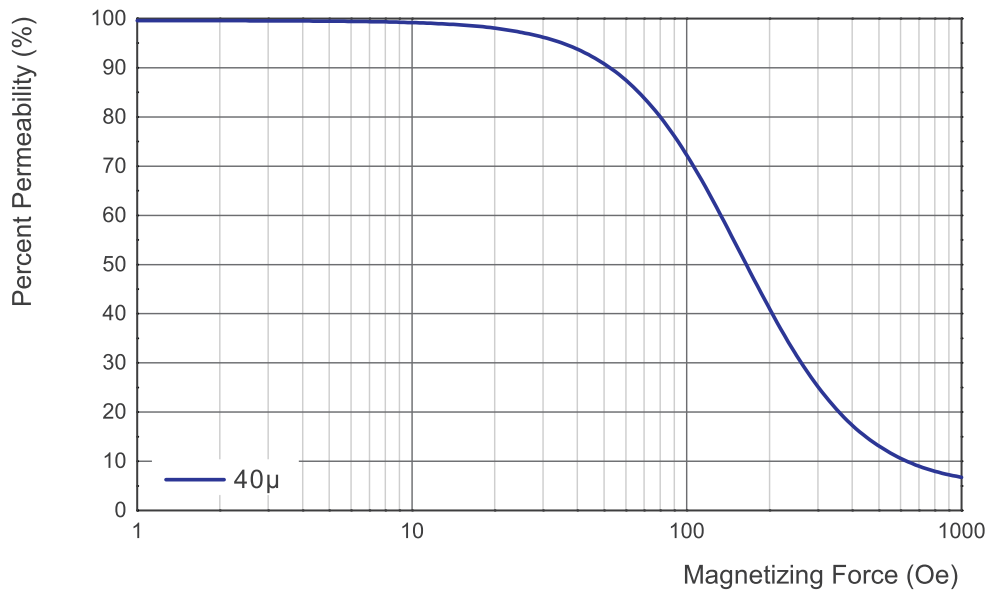
Lower losses than iron cores
Good DC Bias performance
Cost effective

应用
APPLICATIONS

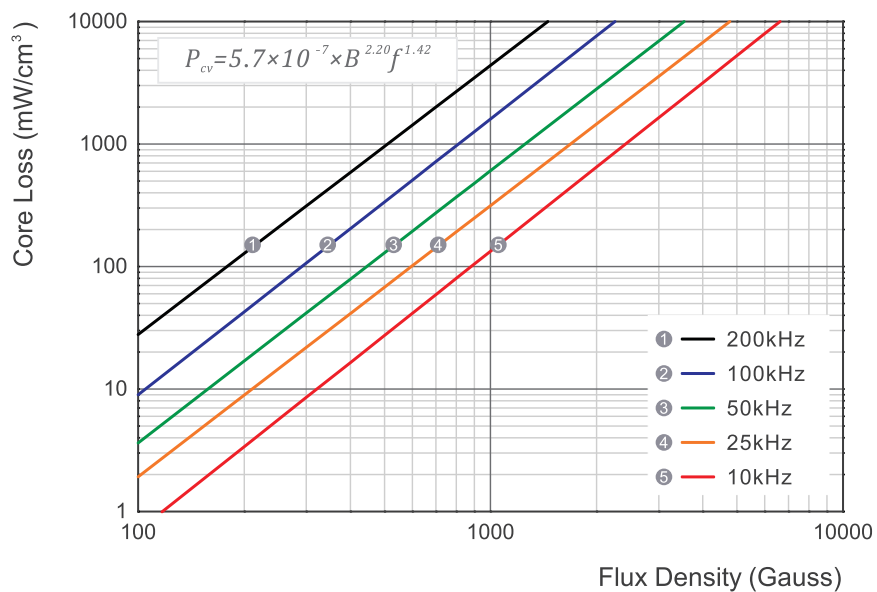
UPS电源PFC电感
UPS电源逆变电感
在线噪音滤波

PFC choke for UPS
INV choke for UPS
EMI filter

Permeability vs DC Bias Curves



Core Loss 40μ



Part Number	Permeability (μ)	A _v ±8%	Window Area (W _a)	Cross Section (A)	Magnetic Path Length (ℓ)	Volume (V)	Weight (g)	Dimensions(mm) OD(max)*ID(min)*HT(max)		Package Unit (pcs/box)
								Before coating	After coating	
PPI090040	40	29	277,700 cmil 1.410 cm ²	0.0513 inch ² 0.331 cm ²	2.230 inch 5.67 cm	0.11455 inch ³ 1.877 cm ³	13.1	23.06*13.97*7.82	24.02*13.39*8.58	810
PPI092040	40	34	293,800 cmil 1.490 cm ²	0.0610 inch ² 0.388 cm ²	2.320 inch 5.88 cm	0.1392 inch ³ 2.2814 cm ³	16.0	23.77*14.40*9.09	24.68*13.77*9.90	729
PPI106040	40	50	308,000 cmil 1.560 cm ²	0.1014 inch ² 0.654 cm ²	2.500 inch 6.35 cm	0.2536 inch ³ 4.154 cm ³	29.0	27.12*14.73*11.38	28.09*14.10*12.19	448
PPI107040	40	70	240,706 cmil 1.220 cm ²	0.1390 inch ² 0.897 cm ²	2.528 inch 6.42 cm	0.3514 inch ³ 5.758 cm ³	40.0	28.1*13.10*12.25	29.45*12.47*13.20	448
PPI130040	40	41	577,600 cmil 2.930 cm ²	0.1042 inch ² 0.672 cm ²	3.210 inch 8.15 cm	0.3354 inch ³ 5.4768 cm ³	38.0	33.22*19.94*10.87	34.23*19.30*11.81	252
PPI131040	40	55	465,628 cmil 2.360 cm ²	0.1309 inch ² 0.8443 cm ²	3.074 inch 7.809 cm	0.4193 inch ³ 6.871 cm ³	49.1	33.47*18.00*11.87	34.48*17.36*12.81	252
PPI135040	40	25	788,500 cmil 4.010 cm ²	0.0704 inch ² 0.454 cm ²	3.530 inch 8.950 cm	0.2485 inch ³ 4.06331 cm ³	28.3	34.49*23.37*9.09	35.50*22.56*10.03	288
PPI141040	40	37	719,100 cmil 3.640 cm ²	0.1051 inch ² 0.678 cm ²	3.540 inch 8.980 cm	0.3721 inch ³ 6.0884 cm ³	42.4	36.01*22.35*10.66	37.10*21.54*11.48	252
PPI157040	40	54	842,700 cmil 4.270 cm ²	0.1662 inch ² 1.072 cm ²	3.880 inch 9.84 cm	0.6449 inch ³ 10.5485 cm ³	75.0	40.08*24.13*14.68	41.09*23.32*15.57	150
PPI158040	40	81	700,415 cmil 3.550 cm ²	0.2383 inch ² 1.5372 cm ²	3.744 inch 9.51 cm	0.9180 inch ³ 15.043 cm ³	107.0	40.33*22.08*17.20	41.34*21.27*18.09	125
PPI184040	40	90	842,700 cmil 4.270 cm ²	0.3080 inch ² 1.990 cm ²	4.230 inch 10.74 cm	1.303 inch ³ 21.373 cm ³	149.0	46.94*24.13*18.23	48.08*23.32*19.12	125
PPI185040	40	57	1,206,000 cmil 6.110 cm ²	0.2080 inch ² 1.340 cm ²	4.580 inch 11.63 cm	0.9526 inch ³ 15.584 cm ³	109.0	46.94*28.70*15.24	48.03*27.89*16.33	150
PPI200040	40	49	1,484,000 cmil 7.50 cm ²	0.1940 inch ² 1.251 cm ²	5.02 inch 12.73 cm	0.9739 inch ³ 15.929 cm ³	111.0	51.00*31.75*13.66	52.09*30.94*14.55	96
PPI225040	40	50	1,871,000 cmil 9.480 cm ²	0.2240 inch ² 1.444 cm ²	5.630 inch 14.30 cm	1.261 inch ³ 20.650 cm ³	144.0	57.35*35.56*14.17	58.44*34.75*15.06	96
PPI226040	40	92	1,014,049 cmil 5.140 cm ²	0.3550 inch ² 2.290 cm ²	4.930 inch 12.5 cm	1.750 inch ³ 28.60 cm ³	199.0	57.35*26.39*15.44	58.44*25.58*16.33	96
PPI250040	40	128	1,525,610 cmil 7.725 cm ²	0.570 inch ² 3.675 cm ²	5.660 inch 14.37 cm	3.223 inch ³ 52.81 cm ³	375.6	62.20*32.60*25.20	63.49*31.37*26.46	64
PPI300040	40	45	3,564,554 cmil 18.060 cm ²	0.2740 inch ² 1.770 cm ²	7.720 inch 19.61 cm	2.122 inch ³ 34.770 cm ³	242.0	78.00*49.23*12.90	79.34*47.96*14.17	54
PPI306040	40	57	3,564,544 cmil 18.060 cm ²	0.3440 inch ² 2.219 cm ²	7.720 inch 19.61 cm	2.656 inch ³ 43.523 cm ³	303.0	78.00*49.23*16.08	79.34*47.96*17.35	54
PPI400040	40	61.5	4,818,025 cmil 24.413 cm ²	0.4606 inch ² 2.9716 cm ²	9.555 inch 24.271 cm	4.101 inch ³ 72.122 cm ³	467.0	101.80*57.15*13.79	103.27*55.75*15.06	24
PPI401040	40	72.9	4,818,025 cmil 24.413 cm ²	0.5460 inch ² 3.5226 cm ²	9.555 inch 24.271 cm	5.217 inch ³ 84.495 cm ³	527.0	101.80*57.15*16.71	103.27*55.75*17.98	24