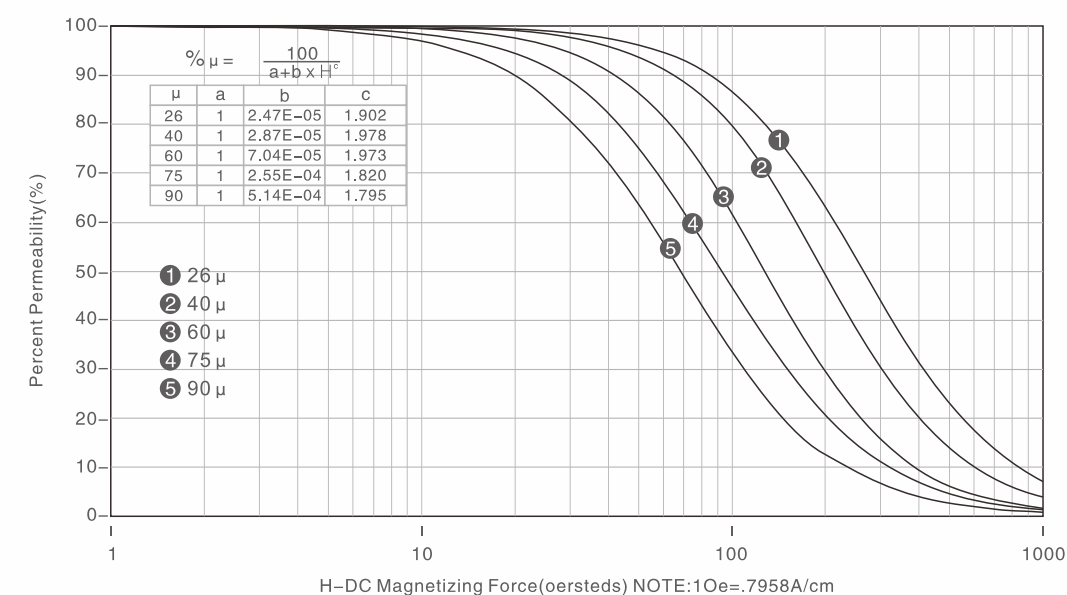




Percent Change of Permeability vs. DC Magnetizing Force 磁导率百分率与DC磁化力关系曲线



04 超级铁硅铝磁粉芯 Super Sendust Cores (KS-HF)

主要特征 MAIN FEATURES

良好的DC偏置能力 Good DC-bias Characteristics

高饱和磁通密度 (12000高斯) High Saturation Flux Density (12,000 Gauss)

较低的磁芯损耗 Low Core Losses

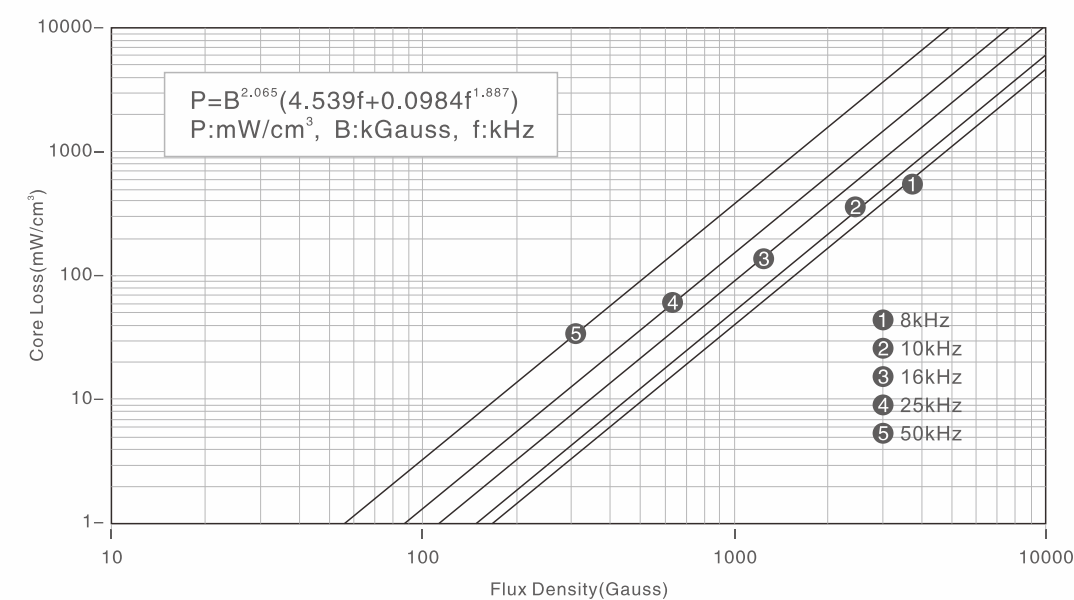
主要应用 MAIN APPLICATIONS

工业电源 Industrial Power

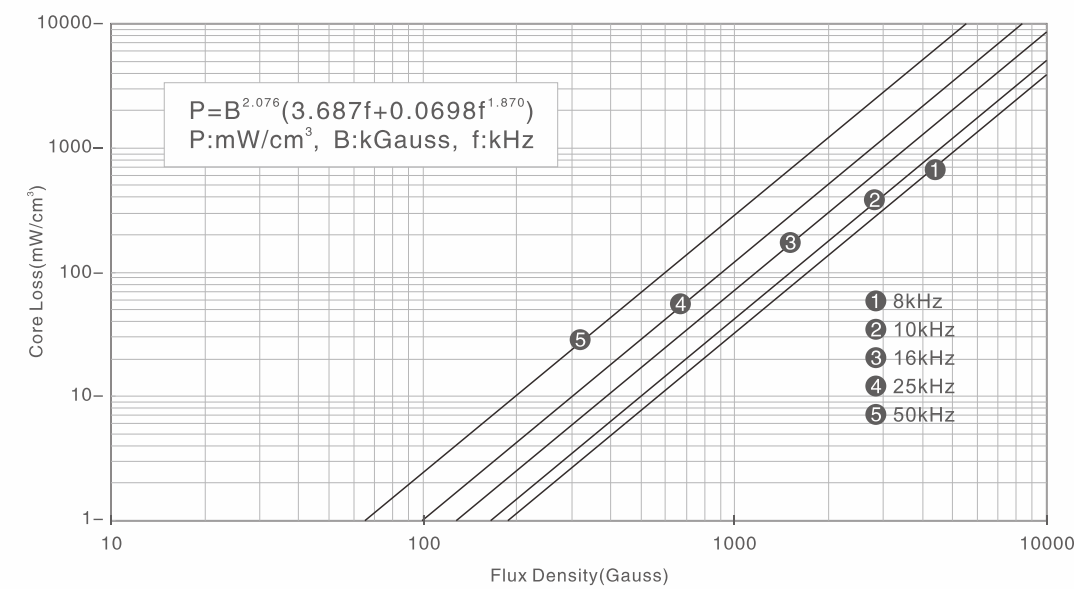
光伏逆变器 PV Inverter

不间断电源 Uninterruptible Power Supply

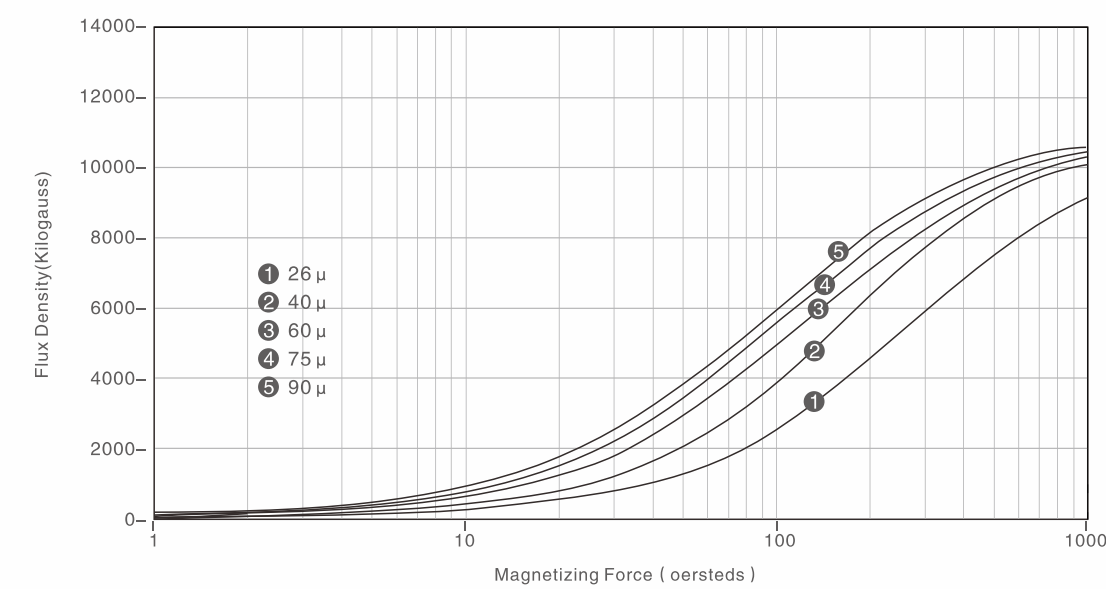
Typical Core Loss Curves(26 μ ,40 μ) 典型磁粉芯损耗曲线(26 μ ,40 μ)



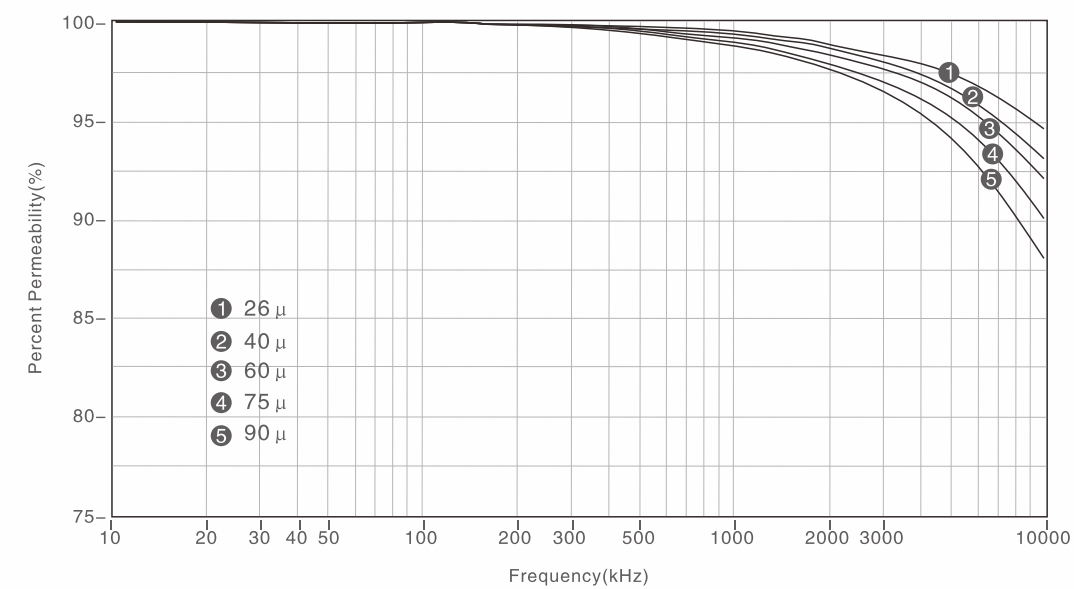
● Typical Core Loss Curves(60 μ ,75 μ ,90 μ)
典型磁粉芯损耗值曲线(60 μ ,75 μ ,90 μ)



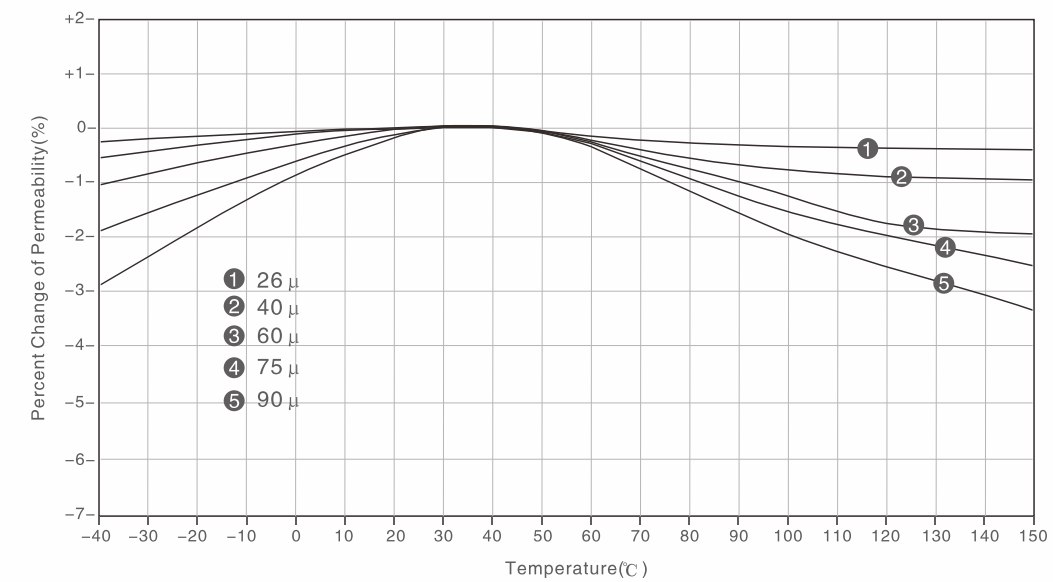
● Normal Magnetization Curves
标准磁化曲线



● Permeability vs. Frequency
磁导率与频率关系曲线



● Temperature Stability
磁导率百分率与温度关系曲线



Part Number	Perm. (μ)	AL ±8%	ℓ_c in/cm	A_e in ² /cm ²	V in ³ /cm ³	W in ² /cm ²	Dimensions (mm)	
							OD (max) × ID (min) × HT (max)	
							Before Coating	After Coating
KS050-026A-HF	26	12	1.229 /3.120	0.0177 /0.114	0.022 /0.356	0.0594 /0.383	12.70×7.62×4.75	13.46×6.99×5.51
KS050-060A-HF	60	27						
KS050-075A-HF	75	34						
KS050-090A-HF	90	40						
KS065-026A-HF	26	15	1.619 /4.110	0.0298 /0.192	0.048 /0.789	0.1105 /0.713	16.50×10.20×6.35	17.40×9.53×7.11
KS065-060A-HF	60	35						
KS065-075A-HF	75	43						
KS065-090A-HF	90	52						
KS068-026A-HF	26	19	1.630 /4.140	0.0360 /0.232	0.059 /0.960	0.0990 /0.638	17.30×9.65×6.35	18.03×9.02×7.11
KS068-060A-HF	60	43						
KS068-075A-HF	75	53						
KS068-090A-HF	90	64						
KS080-026A-HF	26	14	2.010 /5.090	0.0350 /0.226	0.070 /1.150	0.1772 /1.140	20.30×12.70×6.35	21.10×12.07×7.11
KS080-060A-HF	60	32						
KS080-075A-HF	75	41						
KS080-090A-HF	90	49						
KS090-026A-HF	26	19	2.230 /5.670	0.0513 /0.331	0.114 /1.880	0.2181 /1.410	22.90×14.07×7.62	23.62×13.39×8.38
KS090-060A-HF	60	43						
KS090-075A-HF	75	54						
KS090-090A-HF	90	65						
KS092-026A-HF	26	22	2.320 /5.880	0.0610 /0.388	0.142 /2.280	0.2307 /1.490	23.60×14.40×8.89	24.30×13.77×9.70
KS092-060A-HF	60	51						
KS092-075A-HF	75	63						
KS092-090A-HF	90	76						
KS106-026A-HF	26	32	2.500 /6.350	0.1014 /0.654	0.254 /4.150	0.2419 /1.560	26.90×14.70×11.20	27.70×14.10×11.99
KS106-060A-HF	60	75						
KS106-075A-HF	75	94						
KS106-090A-HF	90	113						
KS107-026A-HF	26	22	2.501 /6.352	0.0770 /0.497	0.198 /3.155	0.2419 /1.561	26.90×14.70×8.64	27.70×14.10×9.45
KS107-060A-HF	60	59						
KS107-075A-HF	75	74						
KS107-090A-HF	90	89						

Part Number	Perm. (μ)	AL ±8%	ℓ_c in/cm	A_e in ² /cm ²	V in ³ /cm ³	W in ² /cm ²	Dimensions (mm)	
							OD (max) × ID (min) × HT (max)	
							Before Coating	After Coating
KS130-026A-HF	26	28	3.210 /8.150	0.1042 /0.672	0.334 /5.480	0.4537 /2.930	33.00×19.90×10.70	33.83×19.30×11.61
KS130-060A-HF	60	61						
KS130-075A-HF	75	76						
KS130-090A-HF	90	91						
KS131-026A-HF	26	22	3.207 /8.147	0.0854 /0.551	0.274 /4.490	0.4537 /2.927	33.00×19.90×8.76	33.83×19.30×9.70
KS131-060A-HF	60	51						
KS131-075A-HF	75	64						
KS131-090A-HF	90	76.5						
KS132-026A-HF	26	28	3.207 /8.147	0.1082 /0.698	0.347 /5.687	0.4537 /2.927	33.00×19.90×11.18	33.83×19.30×11.99
KS132-060A-HF	60	65						
KS132-075A-HF	75	81						
KS132-090A-HF	90	97						
KS135-026A-HF	26	16	3.530 /8.950	0.0704 /0.454	0.249 /4.060	0.6193 /4.010	34.30×23.40×8.89	35.10×22.56×9.83
KS135-060A-HF	60	38						
KS135-075A-HF	75	47						
KS135-090A-HF	90	57						
KS141-026A-HF	26	24	3.540 /8.980	0.1051 /0.678	0.372 /6.088	0.5648 /3.640	35.80×22.40×10.50	36.63×21.54×11.28
KS141-060A-HF	60	56						
KS141-075A-HF	75	70						
KS141-090A-HF	90	84						
KS157-026A-HF	26	35	3.880 /9.840	0.1662 /1.072	0.645 /10.500	0.6619 /4.270	39.90×24.10×14.50	40.72×23.30×15.37
KS157-060A-HF	60	81						
KS157-075A-HF	75	101						
KS157-090A-HF	90	121						
KS158-026A-HF	26	53	0.374 /9.510	0.060 /1.537	0.592 /15.043	0.5500 /3.550	40.13×22.08×17.00	40.94×21.27×17.89
KS158-060A-HF	60	122						
KS158-075A-HF	75	152						
KS158-090A-HF	90	183						
KS168-026A-HF	26	47	4.040 /10.216	0.229 /1.475	0.960 /15.741	0.5648 /3.644	42.90×24.20×16.26	44.00×23.30×17.16
KS168-060A-HF	60	108						
KS168-075A-HF	75	135						
KS168-090A-HF	90	161						

Part Number	Perm. (μ)	AL ±8%	ℓ_e in/cm	A_e in ² /cm ²	V in ³ /cm ³	W in ² /cm ²	Dimensions (mm)	
							OD (max) × ID (min) × HT (max)	
							Before Coating	After Coating
KS184-026A-HF	26	59	4.230 /10.740	0.308 /1.990	1.300 /21.300	0.6619 /4.270	46.70×24.10×18.00	47.63×23.32×18.92
KS184-060A-HF	60	135						
KS184-075A-HF	75	169						
KS184-090A-HF	90	202						
KS185-026A-HF	26	37	4.580 /11.630	0.208 /1.340	0.953 /15.530	0.6469 /6.110	46.70×28.70×15.20	47.63×27.89×16.13
KS185-060A-HF	60	86						
KS185-075A-HF	75	107						
KS185-090A-HF	90	128						
KS200-026A-HF	26	32	5.020 /12.730	0.194 /1.251	0.974 /15.930	1.165 /7.500	50.80×31.80×13.50	51.69×30.94×14.35
KS200-060A-HF	60	73						
KS200-075A-HF	75	91						
KS200-090A-HF	90	109						
KS225-026A-HF	26	33	5.630 /14.300	0.224 /1.444	12.260 /20.650	1.470 /9.480	57.20×35.60×14.00	58.00×34.70×14.86
KS225-060A-HF	60	75						
KS225-075A-HF	75	94						
KS225-090A-HF	90	112						
KS226-026A-HF	26	60	4.930 /12.500	0.355 /2.290	1.750 /28.600	0.796 /5.140	57.20×26.40×15.20	58.00×25.60×16.10
KS226-060A-HF	60	138						
KS226-075A-HF	75	175						
KS226-090A-HF	90	207						
KS250-026A-HF	26	83	5.660 /14.370	0.570 /3.675	3.223 /52.810	1.198 /7.730	62.00×32.60×25.00	63.10×31.37×26.27
KS250-060A-HF	60	192						
KS250-075A-HF	75	240						
KS250-090A-HF	90	288						
KS268-026A-HF	26	62	6.429 /16.330	0.481 /3.104	3.093 /50.690	1.491 /9.620	68.00×36.00×20.00	69.40×34.70×21.40
KS268-060A-HF	60	143						
KS268-075A-HF	75	179						
KS268-090A-HF	90	215						
KS290-026A-HF	26	89	7.24 /18.380	0.781 /5.040	5.653 /92.640	2.364 /15.250	74.80×45.30×35.00	75.20×44.07×36.27
KS290-060A-HF	60	206						
KS290-075A-HF	75	257						
KS290-090A-HF	90	309						

Part Number	Perm. (μ)	AL ±8%	ℓ_c in/cm	A_e in ² /cm ²	V in ³ /cm ³	W in ² /cm ²	Dimensions (mm)	
							OD (max) × ID (min) × HT (max)	
							Before Coating	After Coating
KS300-026A-HF	26	30	7.72 /20.000	0.274 /1.770	2.115 /34.700	2.800 /17.990	77.80×49.20×12.70	78.90×48.20×13.84
KS300-060A-HF	60	68						
KS300-075A-HF	75	85						
KS300-090A-HF	90	102						
KS301-026A-HF	26	37	7.86 /19.950	0.352 /2.270	2.770 /45.300	2.800 /17.990	77.80×49.20×15.90	78.90×48.20×17.02
KS301-060A-HF	60	85						
KS301-075A-HF	75	107						
KS301-090A-HF	90	128						
KS400-026A-HF	26	48	9.56 /24.271	0.546 /3.523	5.217 /85.495	3.784 /24.413	101.60×57.15×16.51	103.12×55.75×17.78
KS400-060A-HF	60	112						
KS400-075A-HF	75	137						
KS400-090A-HF	90	164						
KS401-026A-HF	26	40	9.56 /24.271	0.461 /2.972	4.401 /72.122	3.784 /24.413	101.60×57.15×13.59	103.12×55.75×14.86
KS401-060A-HF	60	92						
KS401-075A-HF	75	115						
KS401-090A-HF	90	139						
KS520-026A-HF	26	54	12.77 /32.428	0.829 /5.347	10.580 /173.400	7.225 /46.612	132.54×78.59×20.32	133.96×77.04×21.72
KS520-060A-HF	60	124						
KS520-075A-HF	75	155						
KS520-090A-HF	90	187						
KS521-026A-HF	26	67.6	12.77 /32.429	1.040 /6.710	13.280 /217.580	7.225 /46.612	132.54×78.59×25.40	133.96×77.04×26.80
KS521-060A-HF	60	156						
KS521-075A-HF	75	195						
KS521-090A-HF	90	234						
KS650-026A-HF	26	160	15.22 /38.650	2.932 /18.920	44.620 /731.260	9.190 /59.310	165.00×88.90×50.80	167.20×86.90×52.90
KS650-060A-HF	60	368						
KS651-026A-HF	26	78	16.22 /41.200	1.529 /9.870	63.085 /407.000	12.440 /80.300	165.00×102.40×31.75	166.50×101.00×33.15
KS651-060A-HF	60	180						