ENMG 恩爵



CABINET ENVIRONMENT SYSTEM

机柜环境系统



恩爵ENMG智能科技

ENMG INTELLIGENT TECHNOLOGY

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Industrial Heaters Series
工业加热器系列

HG



型号 Model Number			发热功率 Heating Power	额定电压 Rated Voltage
接线端子型 Terminal Block Type	自带电缆线型 Self-contained Cable Type			
HG14000.0-00	HG14100.0-00	CSP3-2015	15W	120~240VAC/DC 50/60Hz Min.110V，Max.265V
HG14001.0-00	HG14101.0-00	CSP3-2030	30W	
HG14003.0-00	HG14103.0-00	CSP3-2045	45W	
HG14005.0-00	HG14105.0-00	CSP3-2060	60W	
HG14006.0-00	HG14106.0-00	CSP3-2075	75W	
HG14007.0-00	HG14107.0-00	CSP3-2100	100W	
HG14008.0-00	HG14108.0-00	CSP3-2150	150W	

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Industrial Heaters Series
工业加热器系列



CSP1
Compact Heaters
紧凑型加热器

型号 Model Number	发热功率 Heating Power	额定电压 Rated Voltage
CSP1-2010	10W	120~240VAC/DC Min.110V，Max.265V 可定制12V、24V
CSP1-2020	20W	
CSP1-2030	30W	



CSP13
Anti-scald heater
防烫型加热器

型号 Model Number	发热功率 Heating Power	额定电压 Rated Voltage
CSP13-2050	50W	120~240VAC/DC
CSP13-2100	100W	
CSP13-2150	150W	

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Industrial Heaters Series

工业加热器系列

CSH3B



型号 Model Number		风扇 Fan	额定电压 Rated Voltage	发热功率 Heating Power
基本型 Basic Type	防烫型 Anti-Scald Type			
CSH3B-2050	CSH3B-G2050	无 None	200~240VAC/DC	50W
CSH3B-F2050	CSH3B-GF2050	有 Have	220~240VAC 50/60Hz	
CSH3B-2100	CSH3B-G2100	无 None	200~240VAC/DC	100W
CSH3B-F2100	CSH3B-GF2100	有 Have	220~240VAC 50/60Hz	
CSH3B-2150	CSH3B-G2150	无 None	200~240VAC/DC	150W
CSH3B-F2150	CSH3B-GF2150	有 Have	220~240VAC 50/60Hz	
CSH3B-2200	CSH3B-G2200	无 None	200~240VAC/DC	200W
CSH3B-F2200	CSH3B-GF2200	有 Have	220~240VAC 50/60Hz	
CSH3B-1050	CSH3B-G1050	无 None	100~120VAC/DC	50W
CSH3B-F1050	CSH3B-GF1050	有 Have	110~120VAC 50/60Hz	
CSH3B-1100	CSH3B-G1100	无 None	100~120VAC/DC	100W
CSH3B-F1100	CSH3B-GF1100	有 Have	110~120VAC 50/60Hz	
CSH3B-1150	CSH3B-G1150	无 None	100~120VAC/DC	150W
CSH3B-F1150	CSH3B-GF1150	有 Have	110~120VAC 50/60Hz	
CSH3B-1200	CSH3B-G1200	无 None	100~120VAC/DC	200W
CSH3B-F1200	CSH3B-GF1200	有 Have	110~120VAC 50/60Hz	
CSH3B-D24050	CSH3B-GD24050	无 None	24VAC/DC	50W
CSH3B-FD24050	CSH3B-GFD24050	有 Have	24VDC	
CSH3B-D24100	CSH3B-GD24100	无 None	24VAC/DC	100W
CSH3B-FD24100	CSH3B-GFD24100	有 Have	24VDC	
CSH3B-D24150	CSH3B-GD24150	无 None	24VAC/DC	150W
CSH3B-FD24150	CSH3B-GFD24150	有 Have	24VDC	
CSH3B-D24200	CSH3B-GD24200	无 None	24VAC/DC	200W
CSH3B-FD24200	CSH3B-GFD24200	有 Have	24VDC	
CSH3B-D12050	CSH3B-GD12050	无 None	12VAC/DC	50W
CSH3B-FD12050	CSH3B-GFD12050	有 Have	12VDC	
CSH3B-D12100	CSH3B-GD12100	无 None	12VAC/DC	100W
CSH3B-FD12100	CSH3B-GFD12100	有 Have	12VDC	

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Industrial Heaters Series

工业加热器系列

CSH3B-K





型号 Model Number		风扇 Fan	发热功率 Heating Power		额定电压 Rated Voltage
基本型 Basic Type	防烫型 Anti-Scald Type		用法1 Usage 1	用法2 Usage 2	
CSH3B-2150K	CSH3B-G2150K	无 None	100W	150W	120~240VAC/DC
CSH3B-F2150K	CSH3B-GF2150K	有 Have	150W	200W	220~240VAC 50/60Hz
CSH3B-D24150K	CSH3B-GD24150K	无 None	100W	150W	24VAC/DC
CSH3B-FD24150K	CSH3B-GFD24150K	有 Have	150W	200W	24VDC
CSH3B-D12150K	CSH3B-GD12150K	无 None	100W	150W	12VAC/DC
CSH3B-FD12150K	CSH3B-GFD12150K	有 Have	150W	200W	12VDC

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Industrial Heaters Series

工业加热器系列

CSP5



散热体尺寸 Heat Sink Size	长度 Lengths	额定电压 Rated Voltage	发热功率 Heating Power	型号 Model Number	表面温度 surface temperature	重量 Weights
W60mm×H8mm	100mm	AC/DC 200~240V	8W	CSP506-2008	≤55℃	90g
			17W	CSP506-2017	≤90℃	
			22W	CSP506-2022	≤115℃	
		AC/DC 18~36V	5W	CSP506-4005	≤45℃	
			16W	CSP506-4016	≤95℃	
			38W	CSP506-4038	≤175℃	
W100mm×H8mm	160mm	AC/DC 200~240V	31W	CSP510-2031	≤90℃	215g
			43W	CSP510-2043	≤110℃	
			55W	CSP510-2055	≤135℃	
		AC/DC 18~36V	10W	CSP510-4010	≤45℃	
			29W	CSP510-4029	≤85℃	
			69W	CSP510-4069	≤160℃	

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Industrial Heaters Series

工业加热器系列

CSP8



散热体尺寸 Heat Sink Size	长度 Lengths	发热功率 Heating Power	额定电压 Rated Voltage	型号 Model Number	重量 Weights
W49mm×H21mm	110mm	50W	AC/DC 200~240V	CSP805-2050	277g
			AC/DC 18~36V	CSP805-4050	
W70mm×H20mm	130mm	90W	AC/DC 200~240V	CSP807-2090	375g
			AC/DC 18~36V	CSP807-4090	
	160mm	120W	AC/DC 200~240V	CSP807-2120	435g
			AC/DC 18~36V	CSP807-4120	
W100mm×H20mm	160mm	150W	AC/DC 200~240V	CSP810-2150	585g
			AC/DC 18~36V	CSP810-4150	
	200mm	165W	AC/DC 200~240V	CSP810-2165	685g
			AC/DC 18~36V	CSP810-4165	

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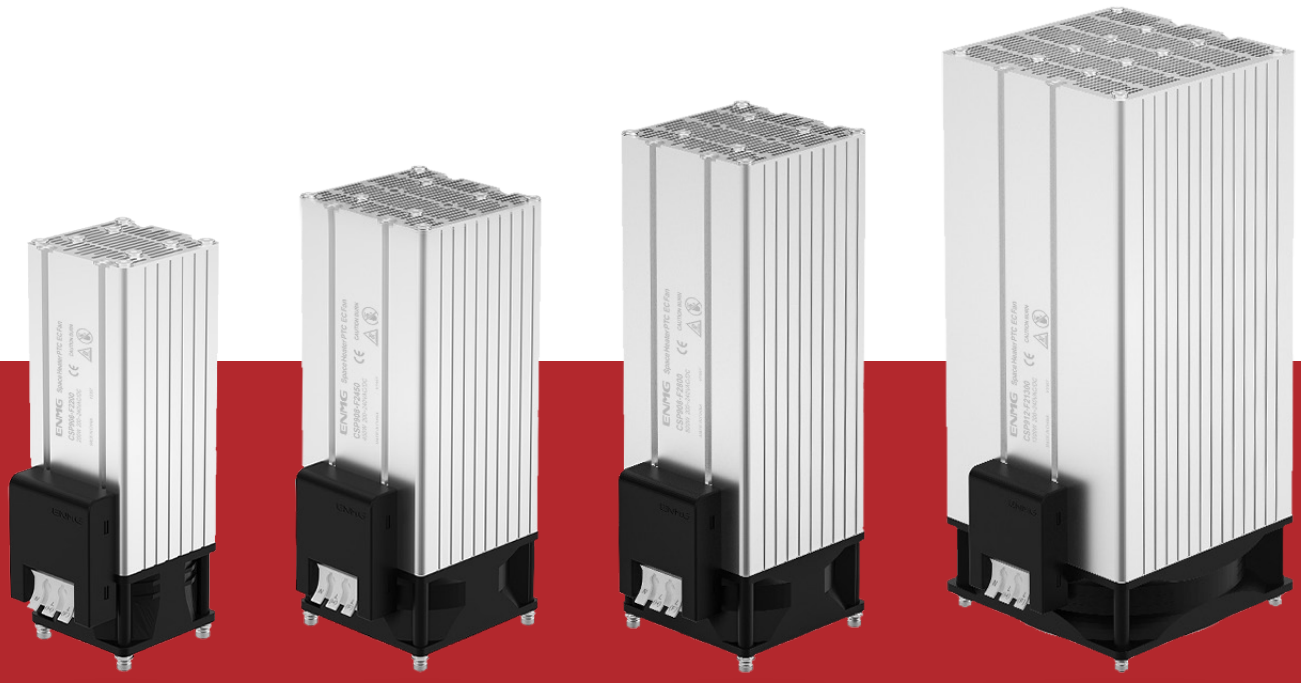
Industrial Heaters Series

工业加热器系列

CSP9



框架尺寸 Frame Size	长度 Lengths	发热功率 Heating Power	额定电压 Rated Voltage	型号 Model Number	重量 Weights
□60mm	183mm	200W	AC/DC 200~240V	CSP906-F2200	0.88Kg
	183mm	300W		CSP906-F2300	0.88Kg
□80mm	203mm	450W		CSP908-F2450	1.6Kg
	203mm	600W		CSP908-F2600	1.6Kg
	233mm	800W		CSP908-F2800	1.87Kg
□120mm	233mm	1000W		CSP912-F21000	3.63Kg
	233mm	1200W		CSP912-F21200	3.63Kg
	275mm	1300W		CSP912-F21300	4.35Kg

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Industrial Heaters
工业加热器系列
CSH8



类型 Type	型号 Model Number	发热功率 Heating Power	尺寸 Size	重量 Weights
风扇款 Fan	CSH8D-F*800	400W×2	120×151×88mm	1.6Kg
	CSH8D-F*600	300W×2		
	CSH8-F*400	400W	120×151×66mm	1.2Kg
	CSH8-F*300	300W		
	CSH8-F*200	200W		
	CSH8D-F*300	150W×2	80×112×76mm	1.1Kg
	CSH8-F*150	150W	80×112×53mm	0.7Kg
	CSH8-F*100	100W		
无风扇款 Fanless	CSH8-*400	400W	120×151×22mm	0.5Kg
	CSH8-*300	300W		
	CSH8-*200	200W		
	CSH8-*150	150W	80×112×22mm	0.4Kg
	CSH8-*100	100W		
	CSH8-*050	50W		

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Industrial Heaters Series

工业加热器系列

CSH8-T





型号 Model Number	温控范围 Temperature Control Range	发热功率 Heating Power	额定电压 Rated Voltage	尺寸 Size	重量 Weights
CSH8-F2150-T15	5℃ ~ 15℃	150W	220~240VAC 50/60Hz	116×80×53mm 含风扇□80×25mm	0.7Kg
CSH8-F2150-T25	15℃ ~ 25℃				
CSH8-F2300-T15	5℃ ~ 15℃	300W		154×120×66mm 含风扇□120×38mm	1.15Kg
CSH8-F2300-T25	15℃ ~ 25℃				

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Industrial Heaters Series
工业加热器系列

CSP028
Basic Heater
基本型加热器

型号 Model Number	发热功率 Heating Power	额定电压 Rated Voltage
CSP028-F2150	150W	110~120VAC 50/60Hz 220~240VAC（230V）50/60Hz
CSP028-F2250	250W	
CSP028-F2400	400W	



CSP029
Power Adjustable Heater
功率可调型加热器

型号 Model Number	发热功率 Heating Power	额定电压 Rated Voltage
CSP029	低功率档LOW: 200W 高功率档HIGH: 400W	220~240VAC 50/60Hz
CSP029-EC	低功率档LOW: 250W 高功率档HIGH: 500W	110~240VAC/DC Min.110V，Max.265V



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Industrial Heaters Series
工业加热器系列

CH
Temperature Controlled All-in-one Heater
温控一体型加热器

型号 Model Number	CH500	CH650
额定电压 Rated Voltage	500W（475~700W）	650W（550~800W）
发热功率 Heating Power	110~120VAC 220~240VAC 50/60Hz	
调节范围 Adjustment Range	0 ~ +60℃	



CSP030
Temperature Controlled All-in-one Heater
温控一体型加热器

型号 Model Number	CSP030
额定电压 Rated Voltage	1200W
发热功率 Heating Power	220~240VAC 50/60Hz
调节范围 Adjustment Range	0 ~ +60℃



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Temperature and Humidity Controller Series

温湿度控制器系列

MTC

Mechanical Temperature Controller

机械式温度控制器



型号 Model Number	触点属性 Contact Properties	设定范围 (常闭) Setting Range (NC)	设定范围 (常开) Setting Range (NO)
MTC01-50	常闭 NC	-10℃ ~ +50℃	
MTC01-60	常闭 NC	0℃ ~ +60℃	
MTC01-80	常闭 NC	+20℃ ~ +80℃	
MTC10-50	常开 NO		-10℃ ~ +50℃
MTC10-60	常开 NO		0℃ ~ +60℃
MTC10-80	常开 NO		+20℃ ~ +80℃
MTC11-60	常闭+常开 NC+NO	0℃ ~ +60℃	0℃ ~ +60℃
MTC11-5080	常闭+常开 NC+NO	-10℃ ~ +50℃	+20℃ ~ +80℃
MTC02-50*	两常闭 NC+NC	-10℃ ~ +50℃	
MTC02-60*	两常闭 NC+NC	0℃ ~ +60℃	
MTC20-60*	两常开 NO+NO		0℃ ~ +60℃
MTC20-80*	两常开 NO+NO		+20℃ ~ +80℃

注：*标记为定制规格

MTC

Mechanical Temperature Controller

机械式温度控制器



型号 Model Number	触点属性 Contact Properties	设定范围 Setting Range	类型 Type
MTC-40-1K	1转换 1CO	-20℃ ~ +40℃	基本型 Basic
MTC-40-1KL			带灯型 With Light
MTC-60-1K		0℃ ~ +60℃	基本型 Basic
MTC-60-1KL			带灯型 With Light
MTC-80-1K		+20℃ ~ +80℃	基本型 Basic
MTC-80-1KL			带灯型 With Light

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Temperature and Humidity Controller Series

温湿度控制器系列

NTS



Mechanical
Temperature Controller

机械式温度控制器

Adjustable Range
可调范围： 0℃ ~ +60℃

型号 Model Number	触点属性 Contact Properties
NTS10-60	常开 NO
NTS01-60	常闭 NC

MTH11



Humidity
Mechanical Controller

机械式湿度控制器

Adjustable Range
可调范围：35% ~ 95%RH

ETS11

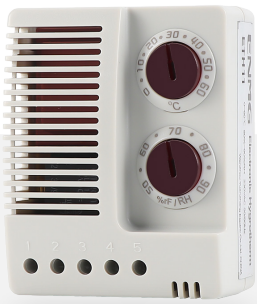


Temperature
Electronic Controller

电子式温度控制器

Adjustable Range
可调范围：-20℃ ~ +60℃

ETH11



Temperature and Humidity
Electronic Controller

电子式温湿度控制器

Adjustable Range
可调范围：0℃ ~ +60℃ / 35% ~ 90%RH

数显款 Digital Type

ETH60



Temperature and Humidity
Electronic Controller

电子式温湿度控制器

启动Open：≤+5℃ 或（or）≥85%RH
关断Close：≥+10℃ 且（and）≤75%RH

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Intelligent PID Temperature Controller

PID智能温控仪

ETC5



型号 Model Number	面板尺寸 Panel Dimensions	开孔尺寸 Cutout Dimensions	辅助报警 Auxiliary Alarm	电源 Power Supply	其他信息 Other Information
ETC5S-QR1ASM	48×48mm	45×45mm	1常开/NO	AC100~240V	Adjustable Range 可调范围： 0℃ ~ +60℃ Accuracy 精度： ±0.5%FS Input: Universal Type 输入： 万能型 Output: EMR/SSR 输出： 电磁/固态继电器
ETC5M-QR1ASM	72×72mm	69×69mm	1转换/CO		
ETC5H-QR1ASM	48×96mm	45×93mm			
ETC5L-QR1ASM	96×96mm	93×93mm			

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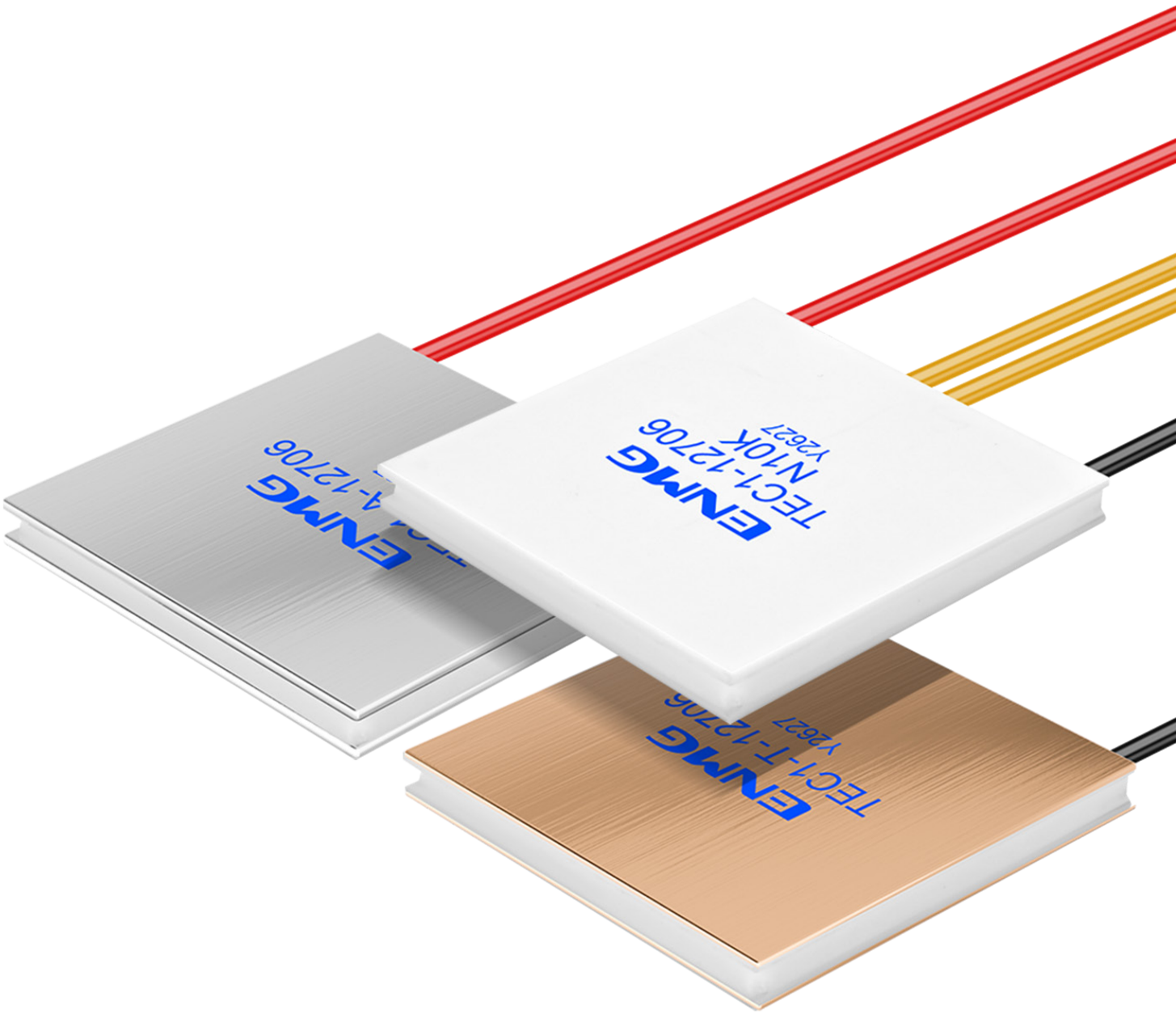
Peltier Semiconductor Cooler Series

帕尔贴半导体制冷器系列

制冷片 Cooling Chip

TEC1



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型号 Model Number	Th=30℃				尺寸 Measurement
	Imax A	Tmax ℃	Vmax V	Qmax W	W上 (UP) L上 (UP) W下 (down) L下 (down) H mm
TEC1-12701	1.3	≥65	15.00	11.60	40 40 40 40 5.2
TEC1-12702	2.3	≥66	15.00	20.40	40 40 40 40 4.2/4.9
TEC1-12702	2.3	≥65	15.00	20.40	50 50 50 50 5.6
TEC1-12703	3.9	≥66	15.00	34.70	40 40 40 40 4.2/4.7
TEC1-12703	3.9	≥66	15.00	34.70	50 50 50 50 4.6
TEC1-12704	4.0	≥66	15.00	35.60	40 40 40 40 3.8
TEC1-12705	5.0	≥67	15.00	44.50	40 40 40 40 3.9
TEC1-12705	5.5	≥67	15.00	48.50	50 50 50 50 4.3
TEC1-12706	6.0	≥67	15.00	53.30	40 40 40 40 3.8
TEC1-12706	6.0	≥67	15.00	53.30	40 40 40 44 3.9
TEC1-12706	6.0	≥67	15.00	53.30	50 50 50 50 4.0
TEC1-12706	6.0	≥66	15.00	53.30	62 62 62 62 5.2
TEC1-12707	7.0	≥66	15.00	62.20	40 40 40 40 3.5
TEC1-12707	7.5	≥66	15.00	62.70	50 50 50 50 4.9
TEC1-12708	8.5	≥66	15.00	75.60	40 40 40 40 3.5
TEC1-12708	8.5	≥66	15.00	75.60	40 40 40 44 3.3
TEC1-12708	8.5	≥66	15.00	75.60	50 50 50 50 4.5/4.9
TEC1-12708	8.5	≥66	15.00	75.60	62 62 62 62 5.3
TEC1-12709	9.5	≥66	15.00	80.00	40 40 40 40 3.4
TEC1-12709	9.0	≥67	15.00	80.00	50 50 50 50 4.8
TEC1-12709	9.0	≥67	15.00	80.00	62 62 62 62 5.7
TEC1-12710	10.0	≥66	15.00	88.90	40 40 40 40 3.45
TEC1-12710	10.0	≥66	15.00	88.90	40 40 40 44 3.3
TEC1-12710	10.0	≥66	15.00	88.90	50 50 50 50 4.2
TEC1-12710	10.0	≥66	15.00	88.90	56 56 56 56 4.9
TEC1-12710	10.0	≥66	15.00	88.90	62 62 62 62 5.6
TEC1-12711	11.0	≥63	15.00	97.80	40 40 40 40 3.2
TEC1-12711	11.0	≥63	15.00	97.80	50 50 50 50 4.0
TEC1-12712	12.0	≥66	15.00	106.70	40 40 40 40 3.2
TEC1-12712	12.0	≥65	15.00	106.70	50 50 50 50 4.0
TEC1-12712	12.0	≥65	15.00	106.70	56 56 56 56 4.7
TEC1-12712	12.0	≥65	15.00	106.70	62 62 62 62 4.9
TEC1-12714	14.0	≥66	15.00	124.50	50 50 50 50 4.0
TEC1-12714	14.0	≥66	15.00	124.50	62 62 62 62 4.8
TEC1-12715	15.0	≥66	15.00	133.30	40 40 40 40 3.5
TEC1-12715	15.0	≥66	15.00	133.30	50 50 50 50 3.65
TEC1-12715	15.0	≥66	15.00	133.30	56 56 56 56 4.7
TEC1-12715	15.0	≥66	16.00	131.30	62 62 62 62 4.85

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型号 Model Number	Th=30℃				尺寸 Measurement
	Imax A	Tmax ℃	Vmax V	Qmax W	W上 (UP) L上 (UP) W下 (down) L下 (down) H mm
TEC1-12718	18.0	≥65	15.00	160.00	50 50 50 50 3.7
TEC1-12718	18.0	≥65	15.00	160.00	62 62 62 62 4.5
TEC1-12720	20.0	≥65	15.00	177.80	50 50 50 50 3.4
TEC1-12720	20.0	≥65	15.00	177.80	56 56 56 56 4.7
TEC1-12720	20.0	≥66	16.00	177.80	62 62 62 62 5.0
TEC1-12722	22.0	≥66	15.00	195.00	50 50 50 50 3.5
TEC1-12724	24.0	≥66	15.00	213.04	50 50 50 50 3.4
TEC1-12725	25.0	≥66	15.00	222.00	62 62 62 62 4.8
TEC1-12726	26.0	≥66	15.00	231.00	50 50 50 50 3.2
TEC1-12726	26.0	≥66	15.00	231.00	50 50 50 54 3.2
TEC1-12726	26.0	≥66	15.00	231.00	62 62 62 62 4.7
TEC1-12730	30.0	≥65	15.00	266.70	62 62 62 62 4.8
TEC1-12740	40.0	≥65	15.00	355.60	62 62 62 62 4.5
TEC1-241017	1.7	≥66	28.40	28.70	55 55 55 55 5.5
TEC1-24102	2.7	≥66	28.40	45.50	55 55 55 55 5.0
TEC1-24103	3.9	≥66	28.40	65.80	55 55 55 55 4.5
TEC1-24104	4.0	≥66	28.40	67.50	55 55 55 55 4.1
TEC1-24105	5.5	≥66	28.40	84.40	50 50 50 50 4.1
TEC1-24105	5.5	≥66	28.40	84.40	55 55 55 55 4.2
TEC1-24106	6.0	≥67	28.40	101.20	50 50 50 50 4.1
TEC1-24106	6.0	≥67	28.40	101.20	55 55 55 55 4.1
TEC1-24106T250	6.0	≥67	28.40	101.20	95 95 95 95 6.4
TEC1-24107	7.0	≥66	28.40	126.50	50 50 50 50 3.8
TEC1-24107	7.0	≥66	28.40	126.50	55 55 55 55 4.0
TEC1-24108	8.5	≥66	28.40	143.40	55 55 55 55 4.0/3.8
TEC1-24108T200	8.5	≥66	28.40	143.40	76.2 76.2 76.2 76.2 4.2
TEC1-24110	10.0	≥66	28.40	168.70	55 55 55 55 3.8/3.65
TEC1-24110T200	10.0	≥66	28.40	168.70	76.2 76.2 76.2 76.2 4.9
TEC1-24111	11.0	≥66	28.40	187.90	55 55 55 55 3.7
TEC1-24112	12.0	≥65	28.40	202.40	55 55 55 55 3.65
TEC1-24112T200	12.0	≥65	28.40	202.40	76.2 76.2 76.2 76.2 4.4
TEC1-24115	15.0	≥66	28.40	253.00	55 55 55 55 3.5
TEC1-24118T200	18.0	≥66	28.40	307.48	55 55 55 55 3.95
TEC1-24120	20.0	≥67	28.40	341.65	95 95 95 95 5.0
TEC1-24123T200	23.0	≥65	28.40	392.89	76.2 76.2 76.2 76.2 3.9

- **所有组件厚度可在±0.2mm范围内调整，提供定制化服务。**

  Thickness of all modules could be adjusted within ±0.2 mm range，Provide customized services.

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Peltier Semiconductor Cooler Series

帕尔贴半导体制冷器系列

半导体空调 Thermoelectric Air Conditioner

基本型 Standard Model

HETA-F



型号 Model Number	制冷量 Cooling capacity	消耗功率 Power Consumption	额定电压 Rated Voltage	额定电流 Rated Current	重量 Weights	工作原理 Working Principle
HETA-101T-075 12VDC	75W	102W	12VDC	8.5A	1.48Kg	**空气对空气 Air-to-Air** 通过冷端散热器和风扇使冷空气在密闭空间流转实现降温。 Cooling is achieved by circulating cold air in a closed space through a cold end radiator and fan.
HETA-151T-106 24VDC	106W	144W	24VDC	6A	3.68kg	
HETA-102T-150 24VDC	150W	204W	24VDC	8.5A	2.18kg	
HETA-152T-212 48VDC	212W	288W	48VDC	6A	6.18kg	
HETA-153T-300 48VDC	300W	408W	48VDC	8.5A	7.66kg	
HETA-154T-424 48VDC	424W	576W	48VDC	12A	11.69kg	
HETA-156T-600 48VDC	600W	816W	48VDC	17A	14.48kg	

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Peltier Semiconductor Cooler Series

帕尔贴半导体制冷器系列

半导体空调 Thermoelectric Air Conditioner

温控一体型 Integrated Temperature Control Model

HETA



型号 Model Number	制冷量 Cooling capacity	消耗功率 Power Consumption	额定电压 Rated Voltage	额定电流 Rated Current	工作原理 Working Principle
HETA-152T-212 48VDC + ETC80-HP	212W	288W	48VDC	6A	**空气对空气** **Air-to-Air** 通过冷端散热器和风扇使冷空气在密闭空间流转实现降温。 Cooling is achieved by circulating cold air in a closed space through a cold end radiator and fan.
HETA-153T-300 48VDC + ETC80-HP	300W	408W	48VDC	8.5A	
HETA-154T-424 48VDC + ETC80-HP	424W	576W	48VDC	12A	
HETA-156T-600 48VDC + ETC80-HP	600W	816W	48VDC	17A	

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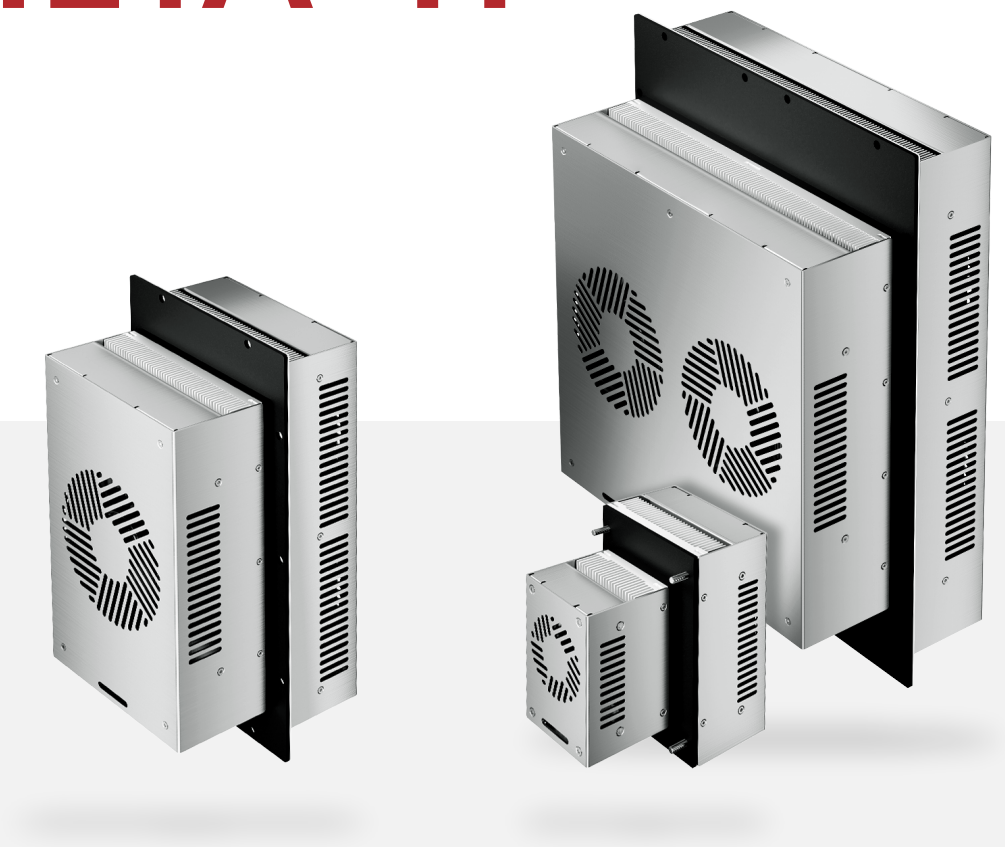
Peltier Semiconductor Cooler Series

帕尔贴半导体制冷器系列

半导体空调 Thermoelectric Air Conditioner

整体保护型 Full Protection Model

HETA-TP



型号 Model Number	制冷量 Cooling capacity	消耗功率 Power Consumption	额定电压 Rated Voltage	额定电流 Rated Current	工作原理 Working Principle
HETA-101TP-075 12VDC	75W	102W	12VDC	8.5A	**空气对空气 Air-to-Air** 通过冷端散热器和风扇使冷空气在密闭空间流转实现降温。 Cooling is achieved by circulating cold air in a closed space through a cold end radiator and fan.
HETA-151TP-106 24VDC	106W	144W	24VDC	6A	
HETA-102TP-150 24VDC	150W	204W	24VDC	8.5A	
HETA-152TP-212 48VDC	212W	288W	48VDC	6A	
HETA-153TP-300 48VDC	300W	408W	48VDC	8.5A	
HETA-154TP-424 48VDC	424W	576W	48VDC	12A	
HETA-156TP-600 48VDC	600W	816W	48VDC	17A	

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Peltier Semiconductor Cooler Series

帕尔贴半导体制冷器系列

半导体空调 Thermoelectric Air Conditioner

热端保护型 Hot-side protection model

HETA-TS



型号 Model Number	制冷量 Cooling capacity	消耗功率 Power Consumption	额定电压 Rated Voltage	额定电流 Rated Current	工作原理 Working Principle
HETA-101TS-075 12VDC	75W	102W	12VDC	8.5A	**空气对空气 Air-to-Air** 通过冷端散热器和风扇使冷空气在密闭空间流转实现降温。 Cooling is achieved by circulating cold air in a closed space through a cold end radiator and fan.
HETA-151TS-106 24VDC	106W	144W	24VDC	6A	
HETA-102TS-150 24VDC	150W	204W	24VDC	8.5A	
HETA-152TS-212 48VDC	212W	288W	48VDC	6A	
HETA-153TS-300 48VDC	300W	408W	48VDC	8.5A	
HETA-154TS-424 48VDC	424W	576W	48VDC	12A	
HETA-156TS-600 48VDC	600W	816W	48VDC	17A	

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Peltier Semiconductor Cooler Series

帕尔贴半导体制冷器系列

半导体空调 Thermoelectric Air Conditioner

外置型 Externally Model

HETA-F



型号 Model Number	制冷量 Cooling capacity	消耗功率 Power Consumption	额定电压 Rated Voltage	额定电流 Rated Current	温控器 Temperature Controller	工作原理 Working Principle
HETA-101F-075 12VDC	75W	102W	12VDC	8.5A	/	**空气对空气** **Air-to-Air** 通过冷端散热器和风扇使冷空气在密闭空间流转实现降温。 Cooling is achieved by circulating cold air in a closed space through a cold end radiator and fan.
HETA-151F-150 24VDC	150W	204W	24VDC	8.5A	/	
HETA-102T-150 24VDC+ETC80	150W	204W	24VDC	8.5A	集成 Integrated	

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Peltier Semiconductor Cooler Series

帕尔贴半导体制冷器系列

制冷平台 Cooling Platform

HETD



型号 Model Number	制冷量 Cooling capacity	消耗功率 Power Consumption	额定电压 Rated Voltage	额定电流 Rated Current	工作原理 Working Principle
HETD-101-075 12VDC	75W	102W	12VDC	8.5A	**冷板对空气 Direct-to-Air** 通过与冷端铝板紧密贴合，直接传导换热对设备实现快速降温。 By making tight contact with the cold-end aluminum plate, direct conductive heat exchange achieves rapid cooling on the equipment.
HETD-151-106 24VDC	106W	144W	24VDC	6A	
HETD-102-150 24VDC	150W	204W	24VDC	8.5A	
HETD-152-212 48VDC	212W	288W	48VDC	6A	
HETD-153-300 48VDC	300W	408W	48VDC	8.5A	
HETD-154-424 48VDC	424W	576W	48VDC	12A	
HETD-156-600 48VDC	600W	816W	48VDC	17A	

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Peltier Semiconductor Cooler Series

帕尔贴半导体制冷器系列

液体冷却平台 Liquid Cooling Platform

HETL



*产品不包含水管需自备，图片仅示意工作原理。
Water lines not included; must be user-supplied.

型号 Model Number	制冷量 Cooling capacity	消耗功率 Power Consumption	额定电压 Rated Voltage	额定电流 Rated Current	工作原理 Working Principle
HETD-101-075 12VDC	75W	102W	12VDC	8.5A	**液体对空气 Liquid-to-Air** 通过循环液体系统流经冷端散热器对液体进行降温。 The liquid is cooled by circulating through the cold-end heat sink in a liquid system.
HETD-151-106 24VDC	106W	144W	24VDC	6A	
HETD-102-150 24VDC	150W	204W	24VDC	8.5A	
HETD-152-212 48VDC	212W	288W	48VDC	6A	
HETD-153-300 48VDC	300W	408W	48VDC	8.5A	
HETD-154-424 48VDC	424W	576W	48VDC	12A	
HETD-156-600 48VDC	600W	816W	48VDC	17A	

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Thermoelectric Cooler Temperature Controller

TEC半导体温控器

ETC80



*可直接驱动大部分制冷/加热片。
Direct drive for most thermoelectric cooling/heating elements.

型号 Model Number	输出形式 Output form	控制方式 Control method	安装方式 Installation method	工作电压 Operating Voltage	其他信息 Other Information
ETC80-RB	继电器 Relay	位式 Positional	半包式 Semi-enclosed	12~24VDC	控温范围： -40℃ ~ +120℃ Temperature Control Range RS485 Modbus 改变电流方向 Current direction reversal 风扇延时关闭 Fan delay-off
ETC80-RP			面板式 Panel-mounted		
ETC80-HB	H桥 MOSFET	PID	半包式 Semi-enclosed	12~48VDC	
ETC80-HP			面板式 Panel-mounted		

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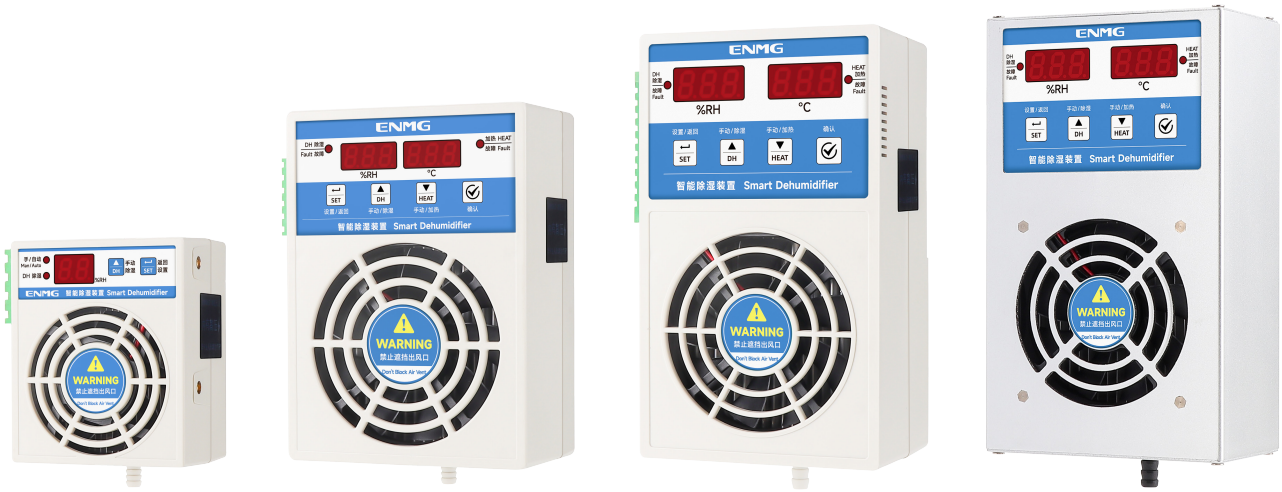
Smart
Dehumidifying Device Series
智能型除湿装置系列

EAD



型号 Model Number	除湿功率 Dehumidification Power	加热功率 Heating Power	外壳材质 Shell material	功能 Functionality
EAD-2020R	20W	50 ~ 500W	塑料 Plastics	基本型（除湿冷凝） 含故障显示 Basic (dehumidification and condensation) fault indication
EAD-2040P	40W	50 ~ 500W	塑料 Plastics	高配型（除湿冷凝） 含故障显示、485通讯、外接加热器 High-end model (dehumidification and condensation) fault indication Including 485 communication external heater
EAD-2060P	60W		塑料 Plastics	
EAD-2060PA	60W		铝合金 Aluminum alloy	

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Smart
Dehumidifying Device Series
智能型除湿装置系列

HAD

- Industrial-Grade Enclosure Microclimate Management System

  工业级机柜微气候管理系统

- Dehumid. | Thermostat
  Smart Ctrl. | IIoT Link

  冷凝除湿 | 加热恒温
  智能控制 | 工业互联



型号 Model Number	除湿功率 Dehumidification Power	加热功率 Heating Power	额定电压 Rated Voltage	除湿量 Dehumidification Capacity
HAD350A	Max.350W	300W at 220V 230W at 110V	100~240VAC	1000mL/24H (at 35℃、85%RH工况)

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Axial flow fan series

轴流风扇系列

EAF&ETF



性能 Performance	型号 Model Number	功率 Power	额定电压 Rated Voltage	转速 Fan Speed	风量 Air Volume	外壳材质 Shell material
变频增压 Variable frequency boosting	ETF6038H E2BPL-B	2W	110-240VAC/DC	3900RPM	21CFM	塑料 Plastics
	ETF8025H E2BPL	4W	110-240VAC/DC	3500RPM	48CFM	
	ETF8038H E2BPL-B	6W	110-240VAC/DC	4000RPM	50CFM	
	ETF12038H E2BPL-B	15W	110-240VAC/DC	4000RPM	140CFM	
交流风机 AC-powered fan	EAF8025H A2BPL	17W	220~240VAC/50~60Hz	2500RPM	30CFM	铝合金 Aluminum alloy
	EAF12038X A2BPL	23W	220~240VAC/50~60Hz	2500RPM	35CFM	
直流风机 DC-powered fan	EDF12025M-D24BPL-B	4.08W	24VDC	2700RPM	82.11CFM	塑料 Plastics
	EDF12038M-D48BPL-B	6.24W	48VDC	3000RPM	113.89CFM	

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Ventilation filter group series

通风过滤网组系列

SF



产品名称 Product name	型号 Model Number	功率 Power	额定电压 Rated Voltage	转速 Fan Speed	风量 Air Volume	性能 Performance
过滤网 Filter Screen	SF8801	/	/	/	/	/
	SF8803	/	/	/	/	
过滤网+风扇 Filter Screen + Fan	SF8801C	17W	220~240VAC/50~60Hz	2500RPM	30CFM	轴流风机 Axial flow fan
	SF8803C	23W	220~240VAC/50~60Hz	2500RPM	35CFM	
	SF8801C-EC	6W	110-240VAC/DC	4000RPM	50CFM	变频增压 Variable frequency boosting
	SF8803C-EC	15W	110-240VAC/DC	4000RPM	140CFM	

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公司地址 Address： 浙江省乐清市柳市镇柳江路3788号

联系方式 Telephones： 400-996-2708

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