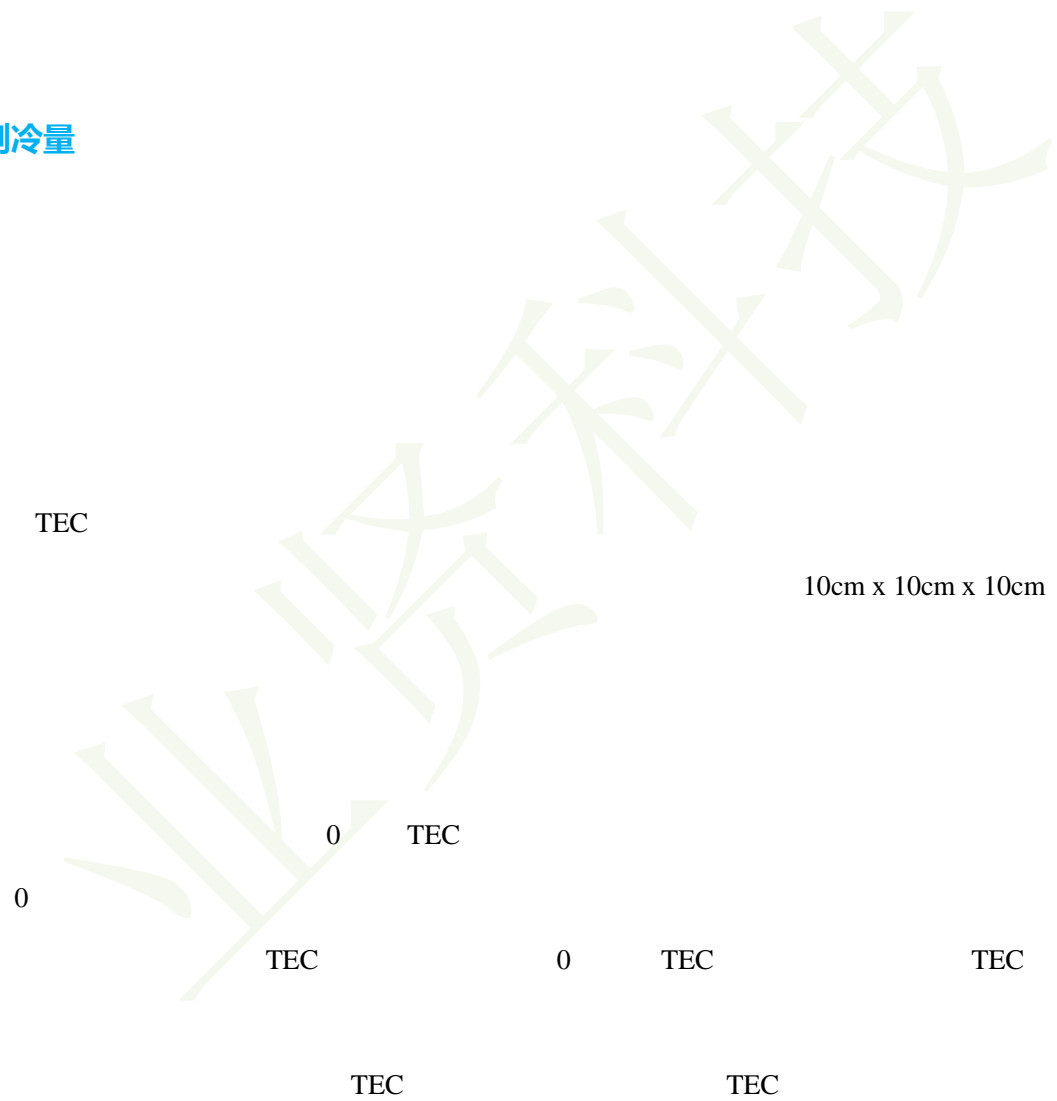

冷面和热面，温控面和散热面

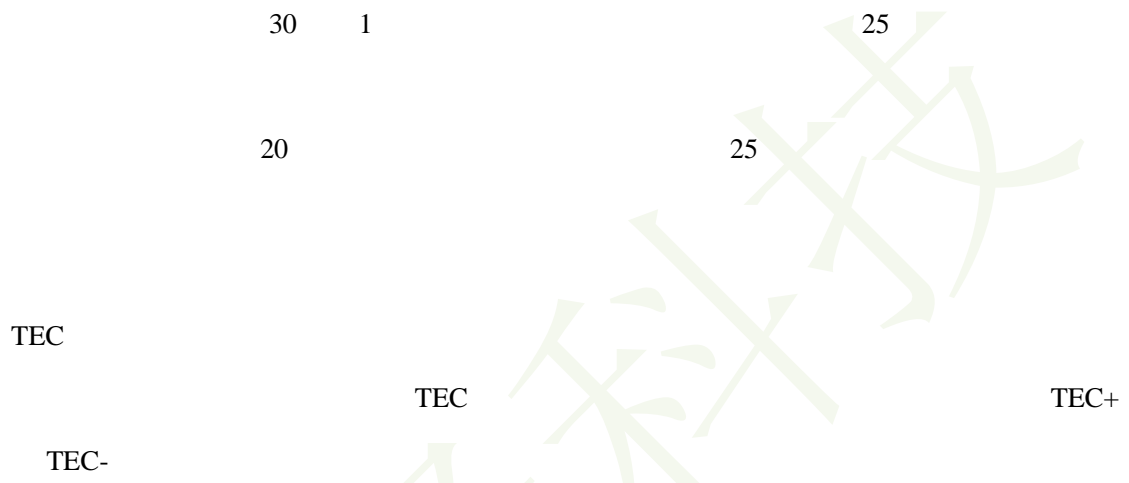
制冷量



业盛

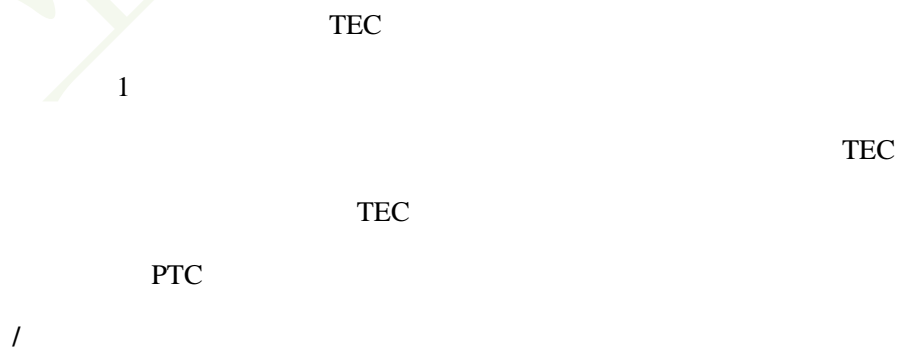
单向温控

双向温控

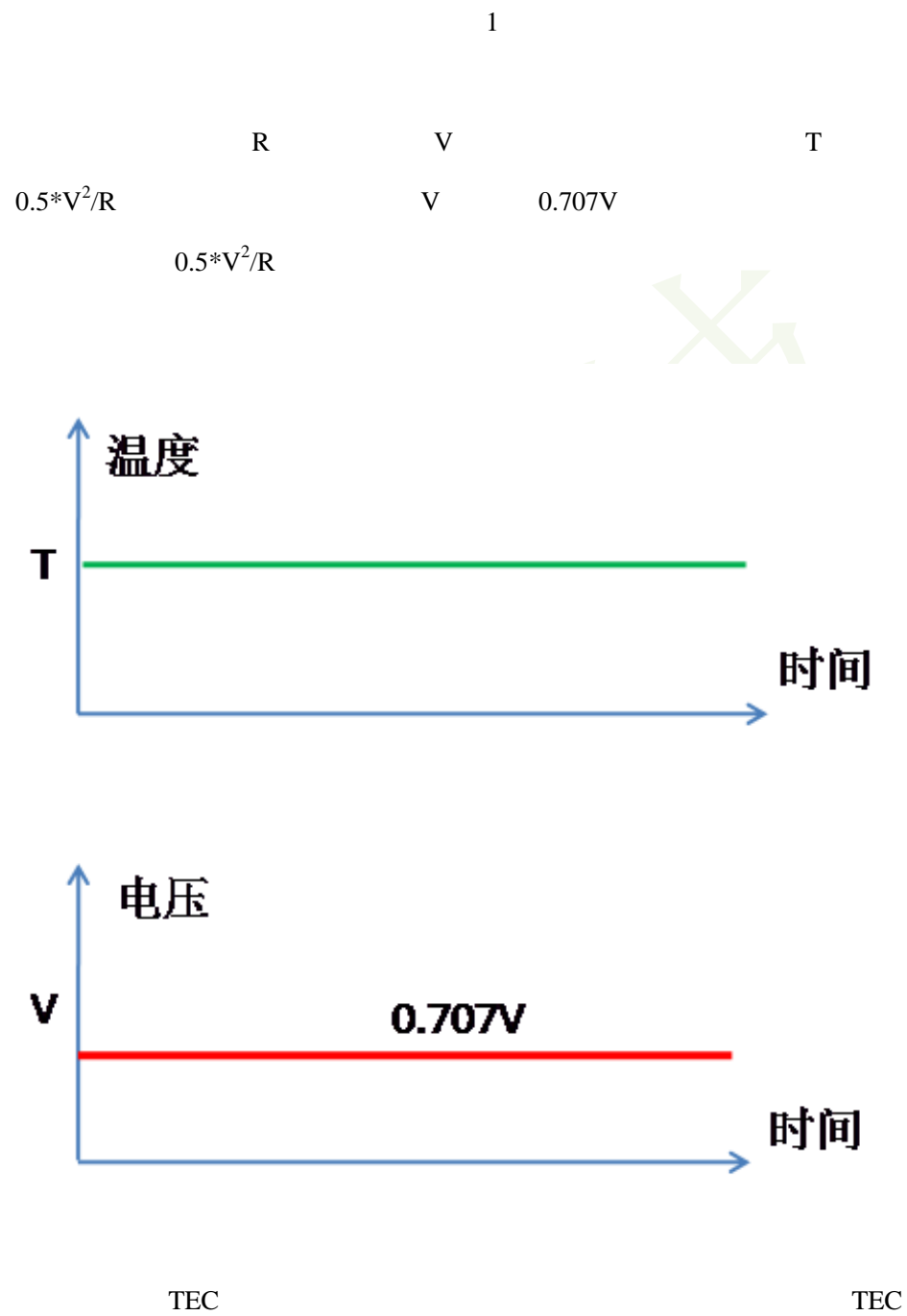


		TCM1030	
	TCM-X107, TCM-M115, TCM-M207	TCM1031	TCM1040

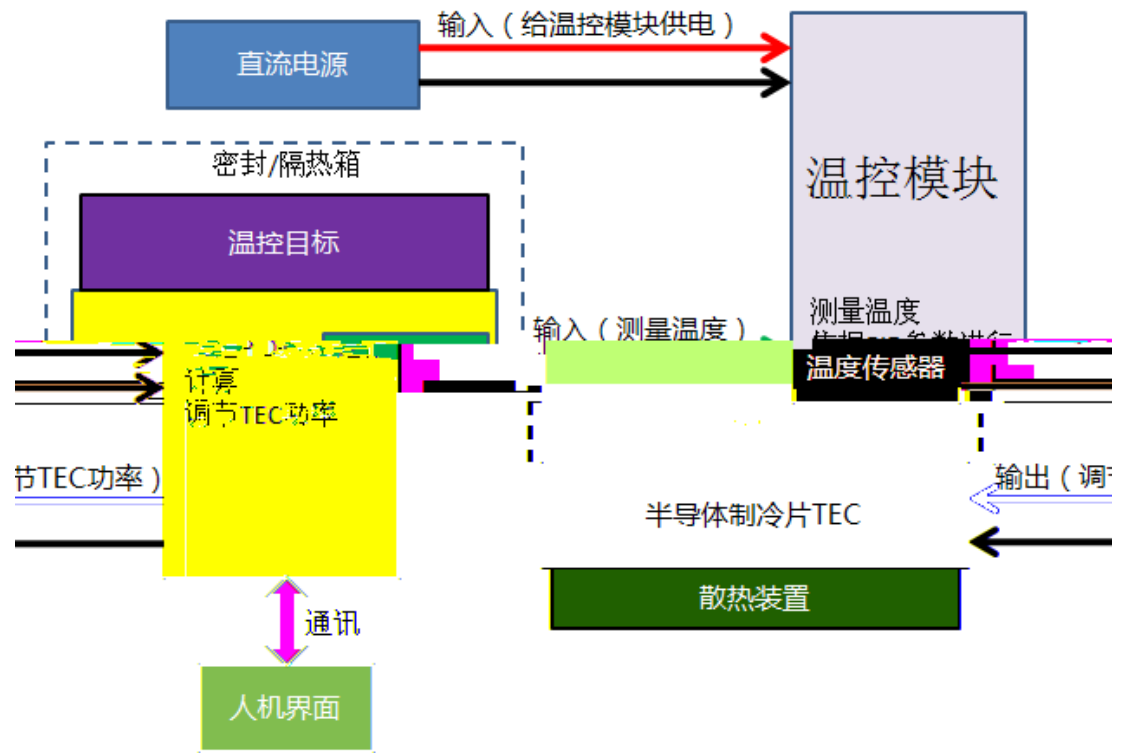
纯加热的单向温控



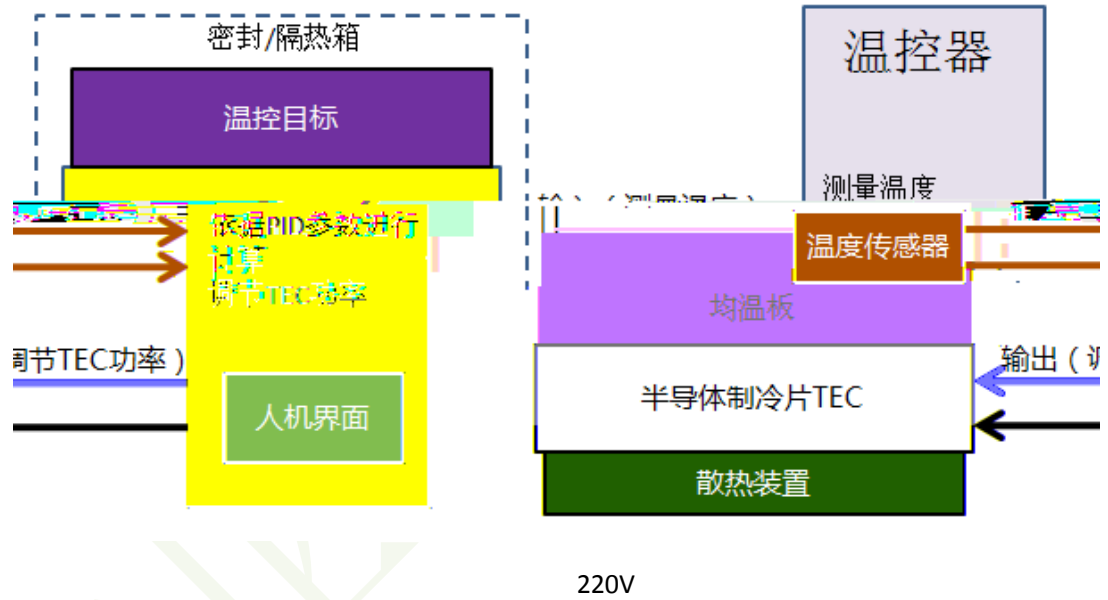
直流输出



温控系统的组成



UIM



1

1

TEC

TEC

TEC

TEC

/

TEC

TEC/

TEC/

TEC

TEC

用于验证的平台

1

TEC

TEC 功率对温控范围的影响

TEC

TEC

15

35

0

60

1.

35

0

35

2.

15

60

45

1.

35

$0 - 35 = -35$

2.

45

$60 - 15 = 45$

TEC 功率是否足够

TEC

TEC

TEC

TEC

TEC

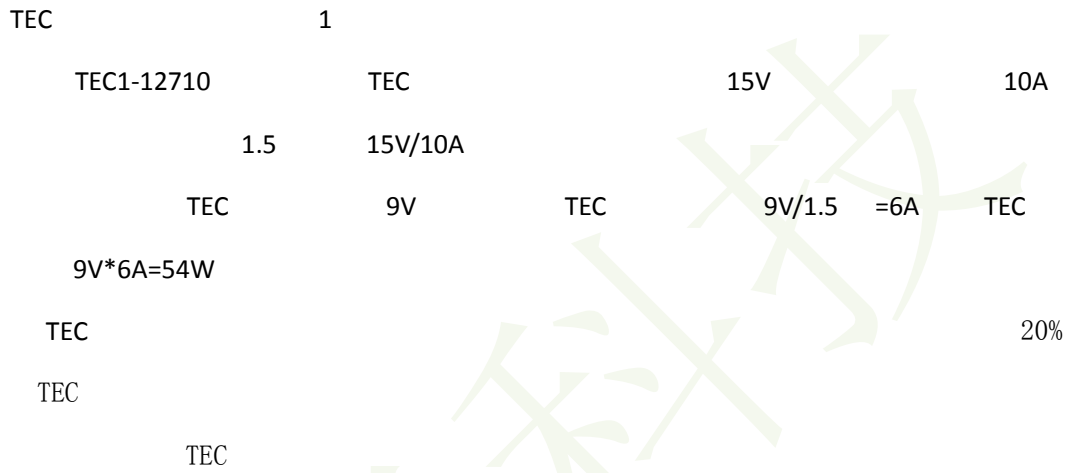
简化方法

TEC

TEC

TEC

TEC 的电特性类似于电阻



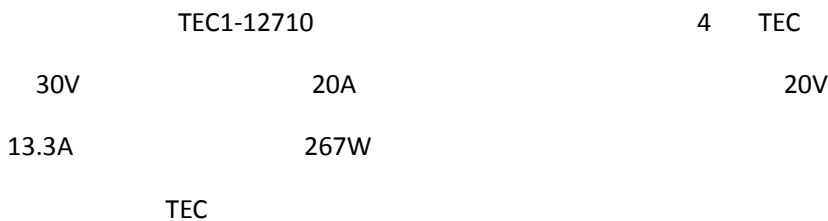
并联效果



串联效果



同时串并联效果



温控输出方式

1
TEC

测温范围

TEC

温控功率

TEC
300W
TEC
5A 20V/4
20V 10A
TEC
TCM-M115 24V
20V
100W
200W
TEC
20V 15A
4
2
TEC

温控范围

TEC

我司温控模块特点

PID

PID

- 1.
- 2.
- 3.
- ☐

PT1000

TEC

= / = /

- 1.
- 2.
- 3.

TEC

TEC

TEC

TEC