



Yangzhou Positioning Tech Co., Ltd

YZPST Heatsinks

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Focused on Power Electronic Components

Manufacturing & Exportation

SINCE 1987

01 SCR Series

02 Water-cooled Radiator Series

03 Reactor Series

04 Resistance-capacitance Absorption Series

CONTENTS

01

SCR Series

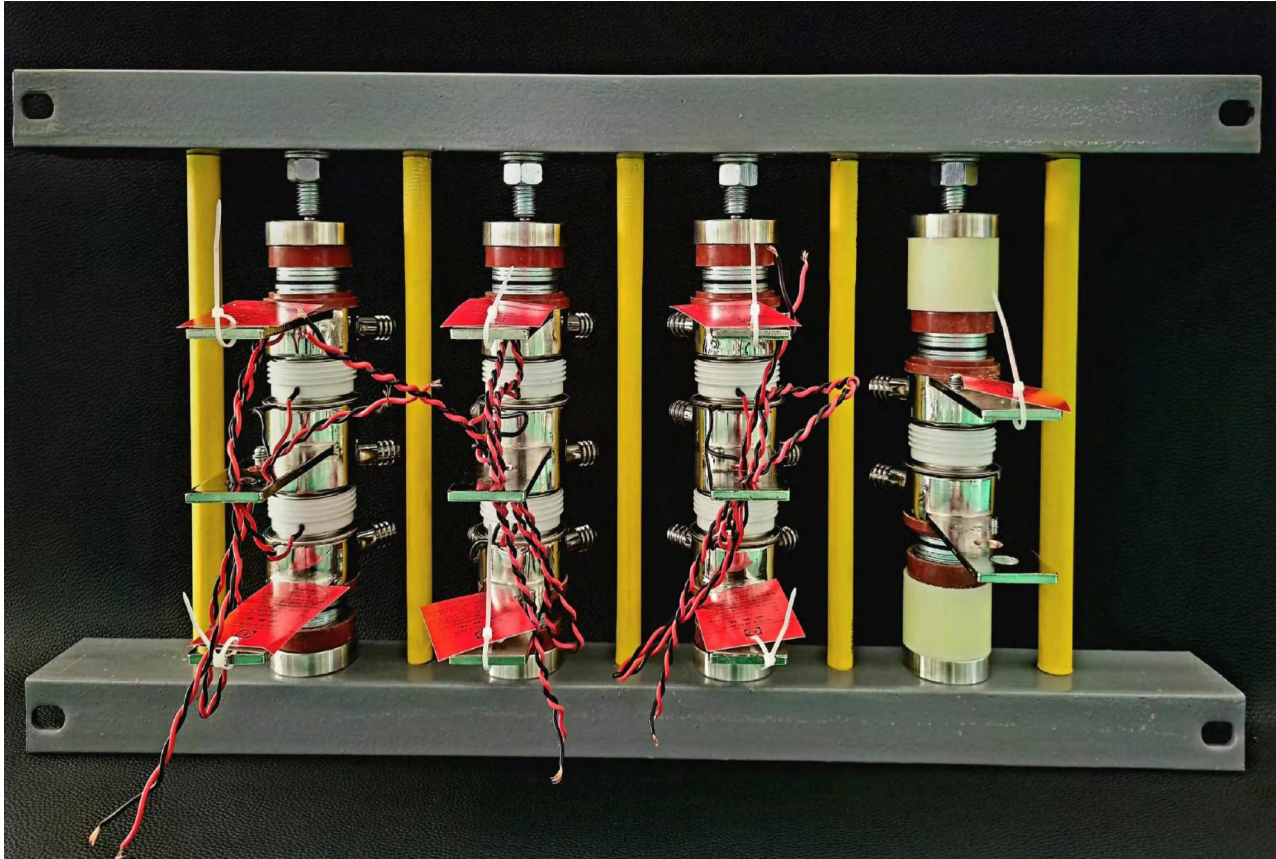
Main products:

Thyristor sub-assembly, Thyristor, Thyristor module, Thyristor water cooling kit, Thyristor air cooling kit

PART. 01

Product Introduction

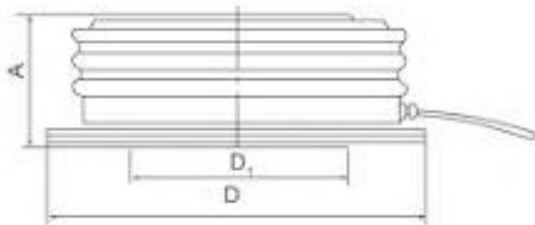
Thyristor sub-assembly



Product Name	Model	U-steel Length (mm)
Rectifier bridge	KP200A	605、650、715、775
	KP300A	605、650、715、775
	KP400A	605、650、715、775
	KP500A	605、650、715、775
	KP600A	605、650、715、775
	KP800A	605、650、715、775
	KP1000A	605、650、715、775
	KP1200A	605、650、715、775
	KP1500A	775、865、965
	KP2000A	775、865、965
	KP2500A	775、865、965
	KP3000A	900、965
KP4000A	965	
6 thyristors sub-assembly	KP200A	580、650、715、720
	KP300A	580、650、715、720
	KP500A	580、650、715、720
	KP800A	580、650、715、720
	KP1000A	580、650、715、720

Product Introduction

Thyristor



Model	D(mm)	D1(mm)	A(mm)	I _T (A)	V _{TM} (V)	V _{DRM/RRM} (V)	I _{DRM/RRM} (A)	V _{GT} (V)	I _{GT} (mA)	I _H (mA)	T _j (°C)
KP200A	52	32	26	200	≤2.2	500 ~ 5000	≤20	≤2.5	50~80	≤200	-40~125
KP300A	57.5	34	26	300	≤2.3		≤30				
KP400A	57.5	34	26	400	≤2.4		≤40				
KP500A	65	40	26	500	≤2.5		≤60				
KP600A	65	40	26	600	≤2.6		≤80				
KP800A	68	45	26	800	≤2.6		≤90				
KP1000A	73	47	26	1000	≤2.6		≤100				
KP1200A	83	55	26	1200	≤2.6		≤120				
KP1500A	85	60	26	1500	≤2.6		≤200				
KP2000A	98.5	70	26	2000	≤2.6		≤300				
KP2500A	109	73	26	2500	≤2.6		≤300				
KP3000A	118	84	26	3000	≤2.6		≤300				
KP4000A	150	100	26	4000	≤2.6	≤300					

Product Introduction

Thyristor Module

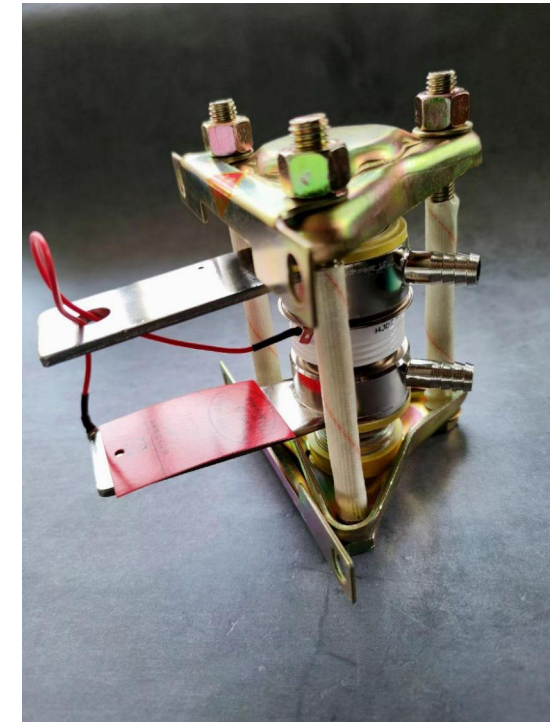
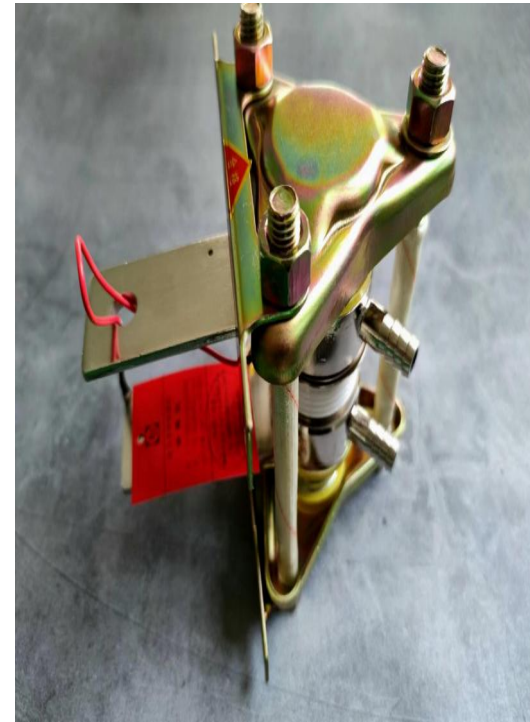
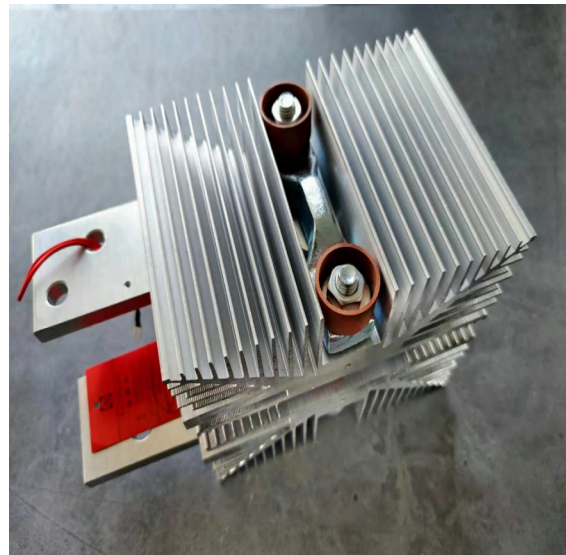
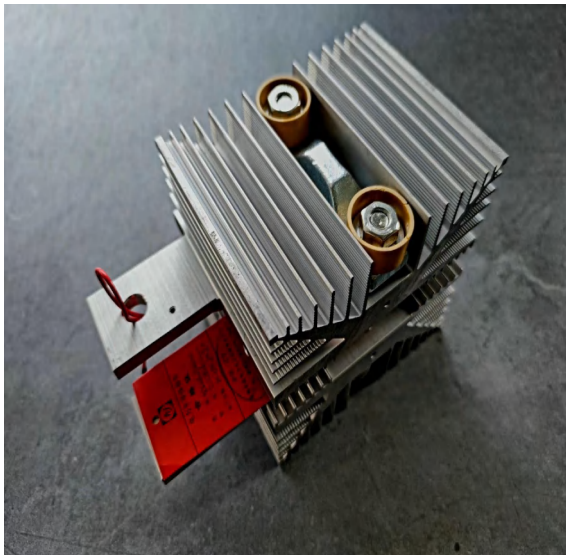


Model	$I_T(A)$	$V_{TM}(V)$	$V_{DRM/RRM}(V)$	$I_{DRM/RRM}(A)$	$V_{TM}(V)$	$V_{GT}(V)$	$I_{GT}(mA)$	$I_H(mA)$	Viso(V)
MTC110A	110	≤ 2.2	800 ~ 1600	≤ 12	1.4~2.0	≤ 3.0	50~80	≤ 200	≥ 2500
MTC200A	200	≤ 2.3		≤ 25					
MTC300A	300			≤ 40					
MTC500A	500	≤ 2.4		≤ 50					
MTC600A	600			≤ 60					
MTC800A	800	≤ 2.5		≤ 60					
MTC1000A	1000			≤ 80					
MTC1200A	1200	≤ 2.6		≤ 90					

Product Introduction

Thyristor air cooling kit

Thyristor water cooling kit

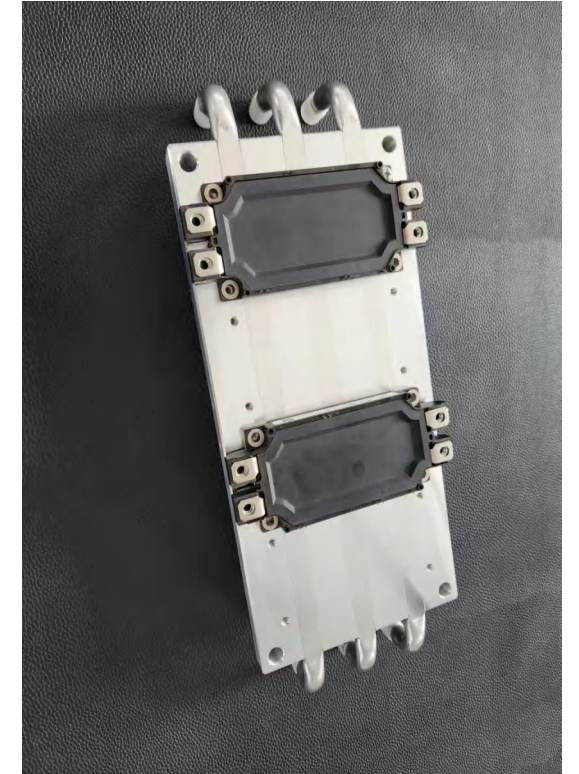
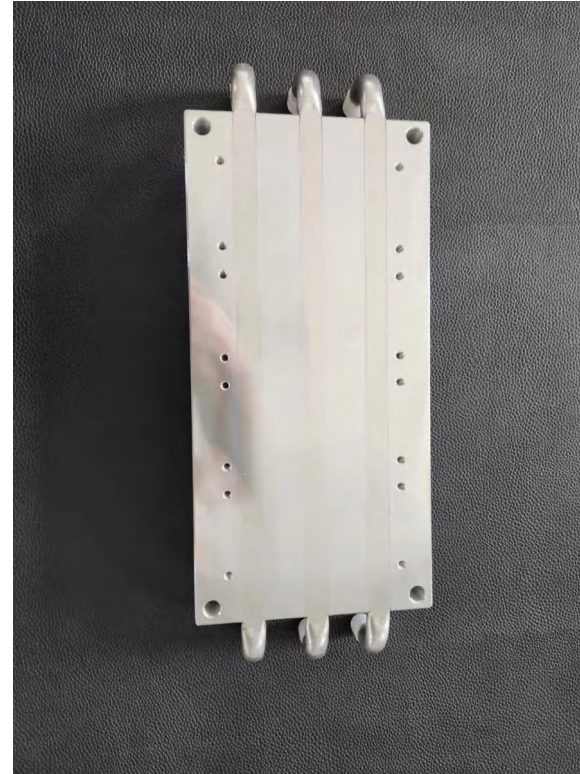
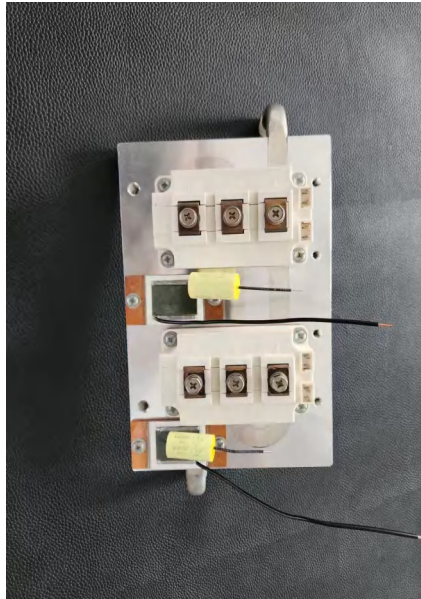
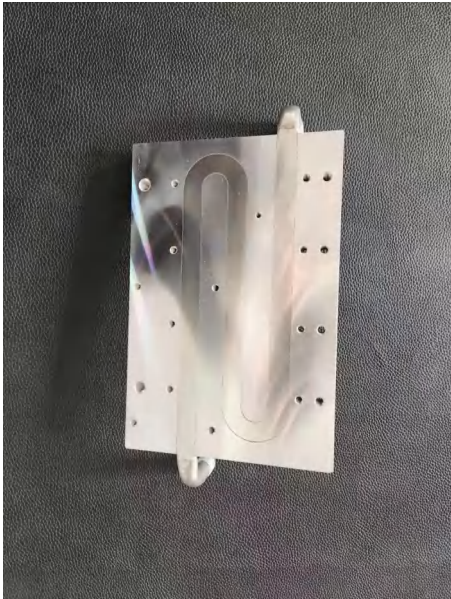


02

Water-cooled Radiator Series

PART. 02

Product Introduction



2 IGBT water-cooled plate
Measurement(mm):226*150*18

4 IGBT water-cooled plate
Measurement(mm):310*150*18

03

Reactor Series

- Smoothing Reactor
- Incoming Reactor
- Matching transformer

PART. 03

Product Introduction

Smoothing Reactor

Rated current (mA)	Inductance (μH)	Insulation resistance (MΩ)	Inter-turn insulation resistance (MΩ)	Overall dimension (mm)	Service temperature (°C)
200	200	>10	>10	190*170*200	<150
400	100			220*220*260	



Matching transformer

Model	8:1	5:2	3:2	4:2	5:3



Incoming Reactor

Rated current (mA)	Inductance (μH)	Insulation resistance (MΩ)	Inter-turn insulation resistance (MΩ)	Overall dimension (mm)	Hydraulic Pressure (Mpa)
1000	20	>10	>10	Φ140	>0.2
1500	10			Φ150	
2000	8			Φ150	
3000	6			Φ180	

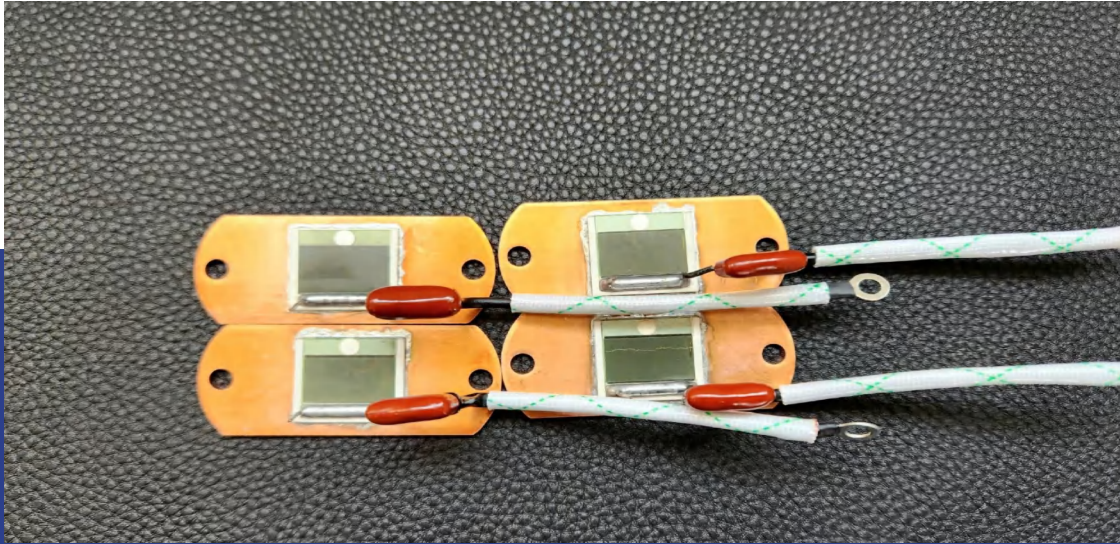


04

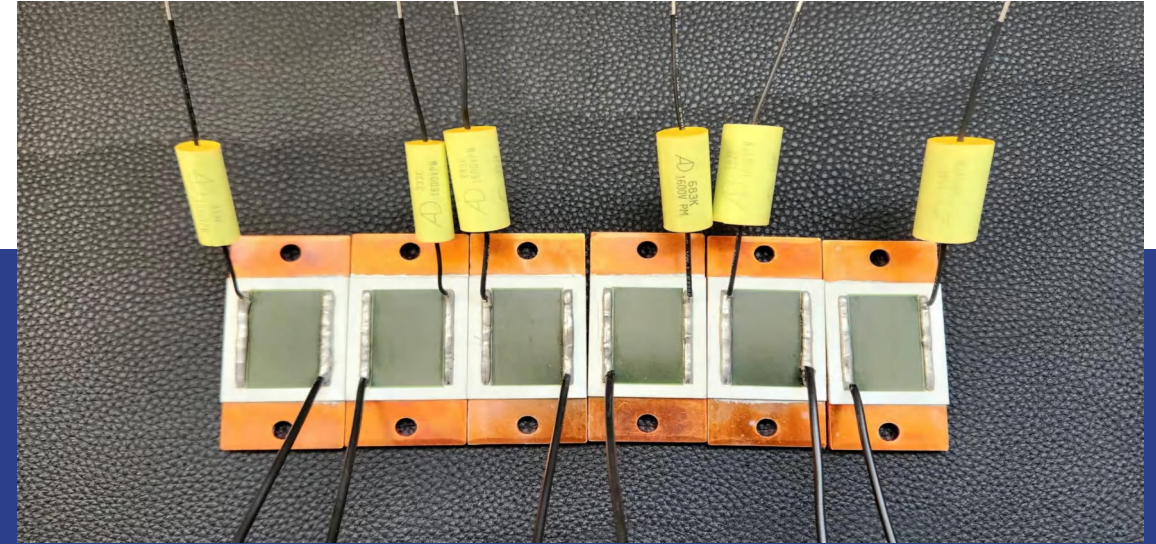
Resistance–capacitance Absorption Series

PART. 04

Product Introduction



Ω



200W Resistance-capacitance Absorption

Measurement(mm):59*25

- 200W/10Ω+102/2000V
- 200W/10Ω+222/2000V

500W Resistance-capacitance Absorption

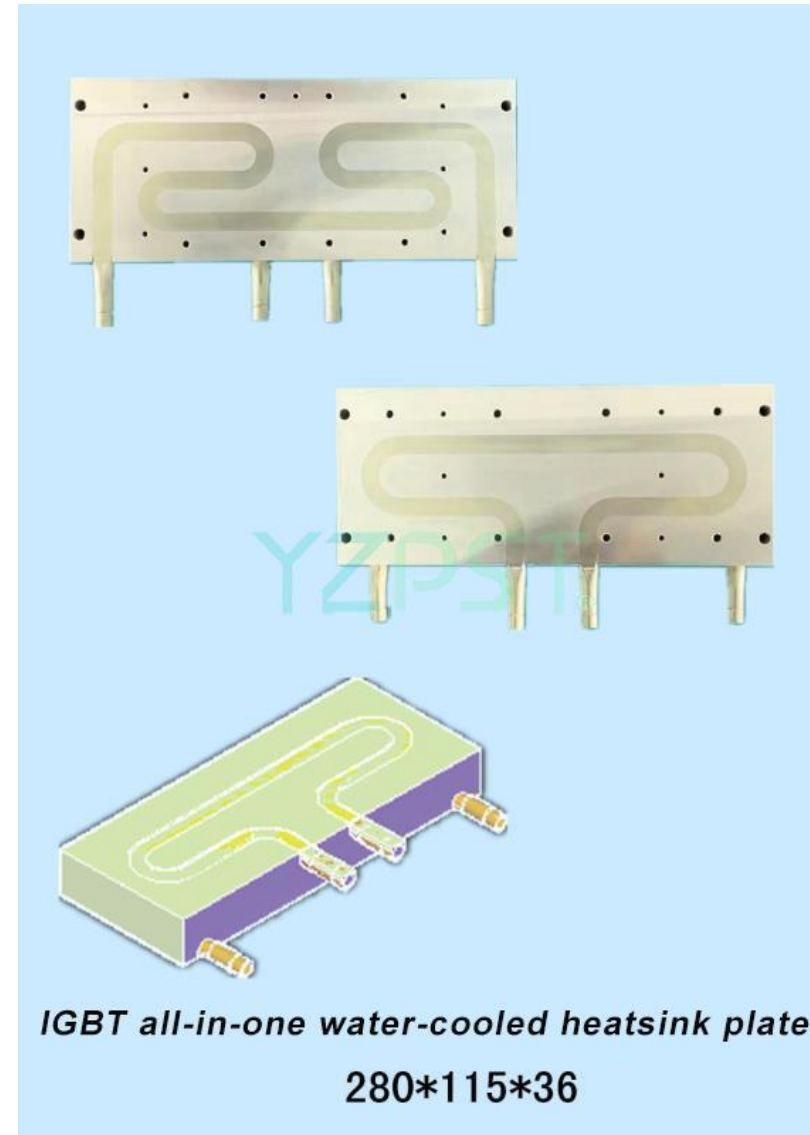
Measurement(mm):70*34

- 500W/10Ω+104/1600V
- 500W/10Ω+333/1600V
- 500W/10Ω+683/1600V

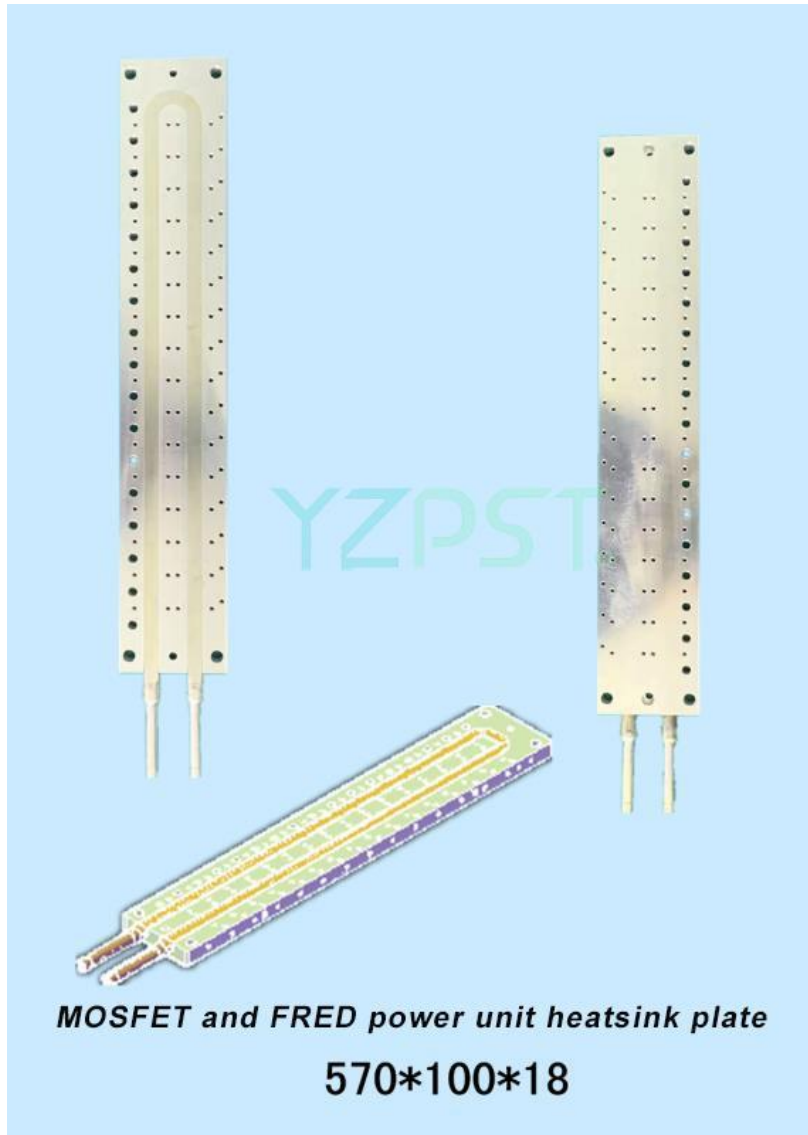
More pictures



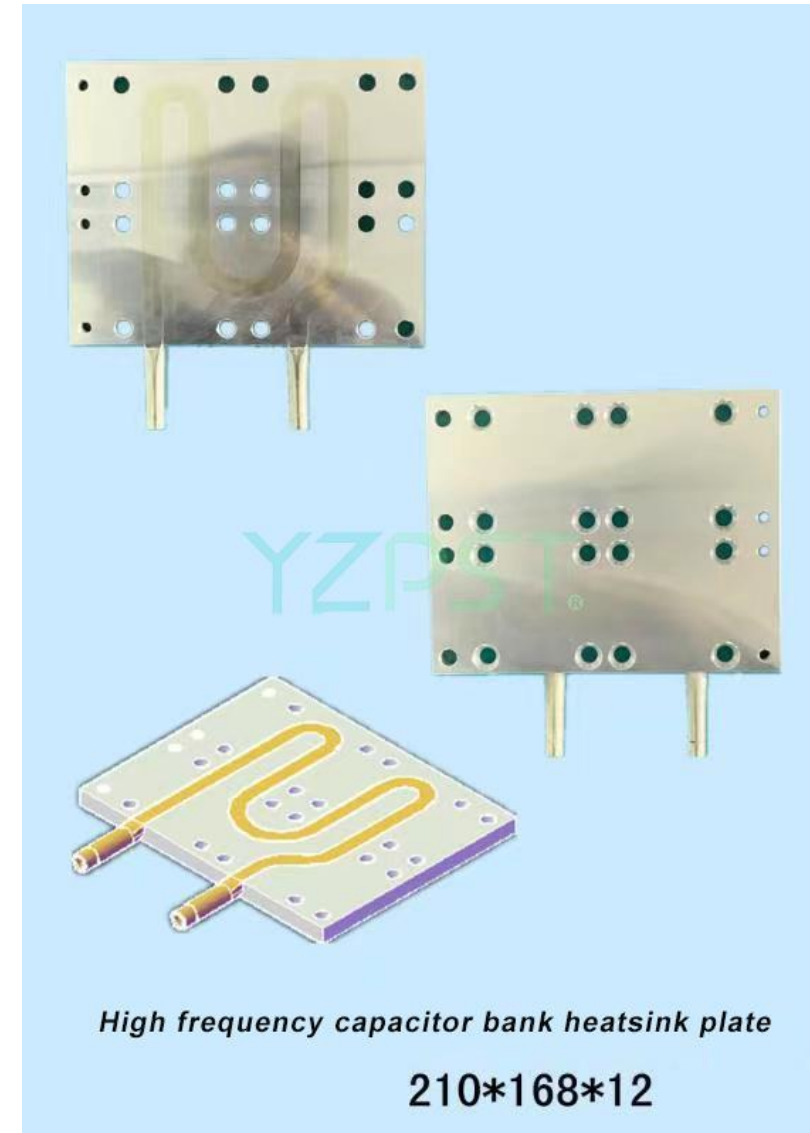
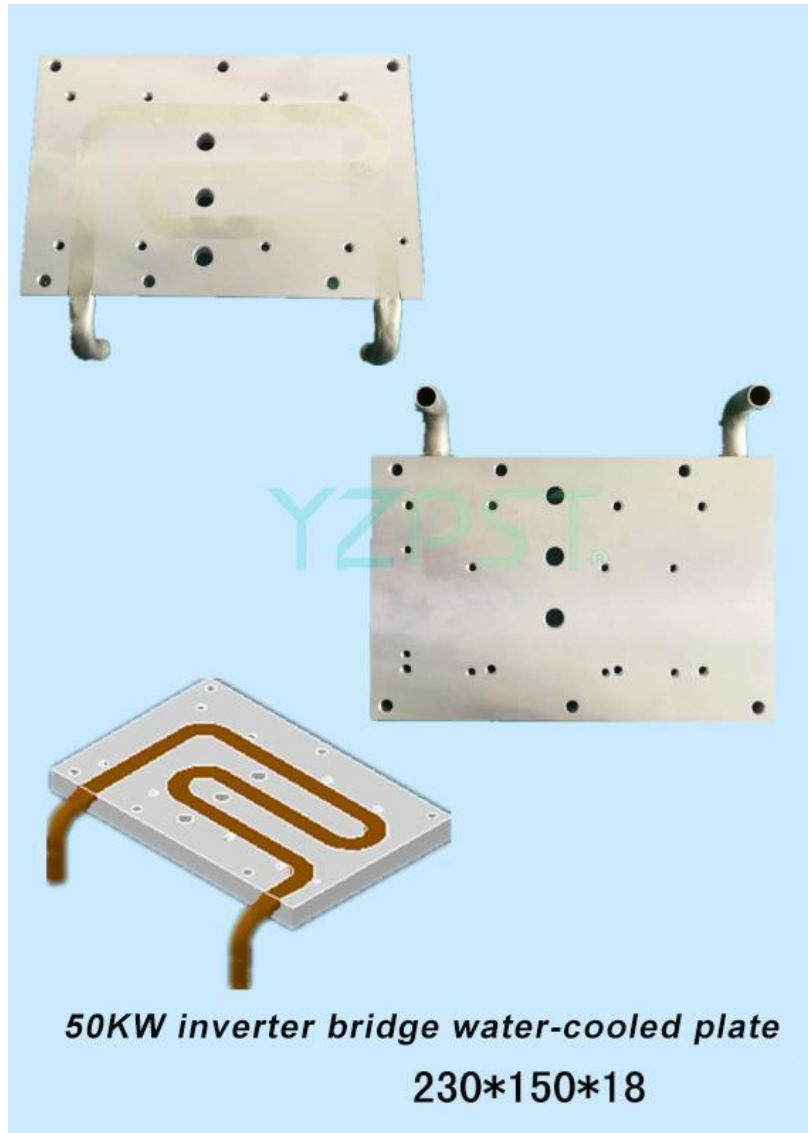
More pictures



More pictures



More pictures



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Thank you



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