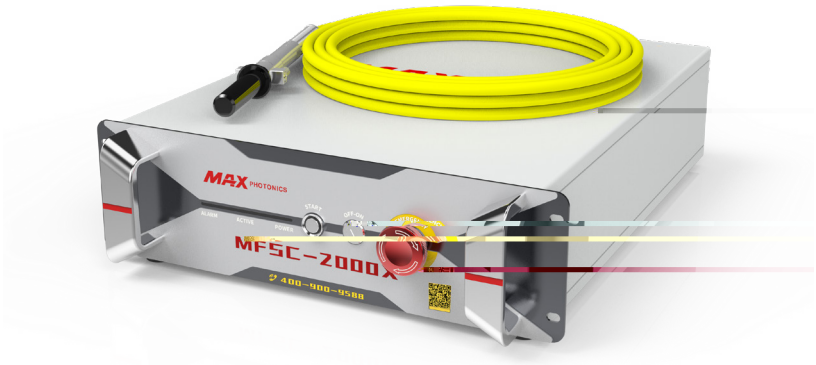


MAX 创鑫激光



MFSC 200X (G6.1)

使用手册

版权说明

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引 语

MFSC

MFSC

公司简介

2004

<http://www.maxphotonics.com>



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7-	14
	15
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2-	16
3-	16
4-QBH	17

5-	18
6-	19
	21
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2-	21
	22
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3-	22
4-	26
5-	28
6-	29
7-	29
8-	33
	34
1-	34
2-	34
	35
1-	35
2-	35

第一章 特性说明

MFSC (2000X G6.1)

1060nm ~1100 nm






>30%

MFSC

Class 4

第二章 安全信息

1 -

MFSC

1060nm~1100 nm

2-

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LaserVision USA Kentek Corporation Rochwell Laser Industries

3-

EN IEC 61000-6-4:2019

CISPR 16-2-1

CISPR 16-2-3

EN IEC 61000-6-2:2019

EN 61000-4-2:2009

EN 61000-4-3:2020

EN 61000-4-4:2012

EN 61000-4-5:2014+A1:2017

EN 61000-4-6:2014

EN 61000-4-11:2020

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200-240VAC-2000X G6.1

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200-240VAC-2000X G6.1

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Laser Institute of America(LIA)

13501 Ingenuity Drive, Suite 128

Orlando,Florida 32826

Phone:407 380 1553,Fax: 407 380 5588

Toll Free:1 800 34 LASER

American National Standards Institute

ANSI Z136.1, American National Standard for the Safe Use of Lasers

(Available through LIA)

International Electro-technical Commission

IEC 60825-1, Edition 1.2

Center for Devices and Radiological Health

21 CFR 1040.10 - Performance Standards for Light-Emitting Products

US Department of Labor - OSHA

Publication 8-1.7 - Guidelines for Laser Safety and Hazard Assessment.

Laser Safety Equipment

Laurin Publishing

Laser safety equipment and Buyer's Guides

第三章 产品描述

1-

MFSC 2000X G6.1

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M- F- S- C-XXX- XX	
1- 2- 3- 4- 5- 6	
1	M Maxphotronics
2	F Fiber Laser
3	S Single Mode /
4	C ContinueWave

5	XXXX	XXXX W
6		


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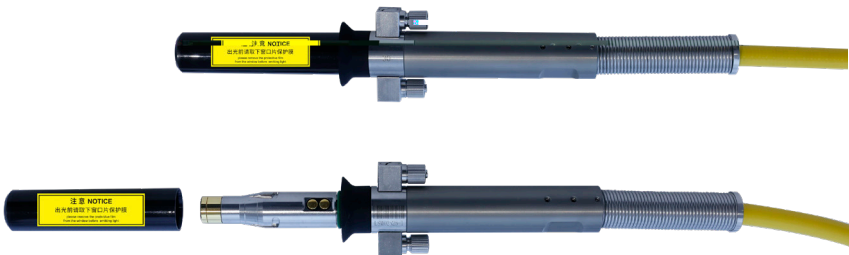
AC 220V	200-240VAC
POWER	200-240VAC
ETHERNET	
CTRL	
ACTIVE/ALARM	
BLUETOOTH	
WATER IN	
WATER OUT	
	

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#Z

QBH

G4.2 QBH



第四章 详细规格

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1		/				
2						
3		100%		2000		W
4			10		100	%
5		100%	1070	1080	1090	nm
6	3dB	100%		4	6	nm
7		100%	>1h	± 1	± 2	%
8		100%	>24h	± 3	± 5	%
9	BPP	50um-QBH			1.8	mm x mrad
10		10% 90%		50	100	μs
11		90% 10%		50	100	μs
12		100%			20	KHz
13		100%	200			μW
14		50um-QBH	15			m
15			50			μm
16			200			mm
17		QBH LOC				

2-

1			200	220	240	VAC
2		100%			7	KW
3			10		40	
4			10		85	%
5						
6			-10		60	
7			486*410*115 W*D*H			mm
8			25± 2			kg

3-

1				
2			24	20
			20	
3			2	bar
4			13-17	L/min
5			4.6	kw

40° C

22± 2° C(

20° C)

;

p 0.5bar

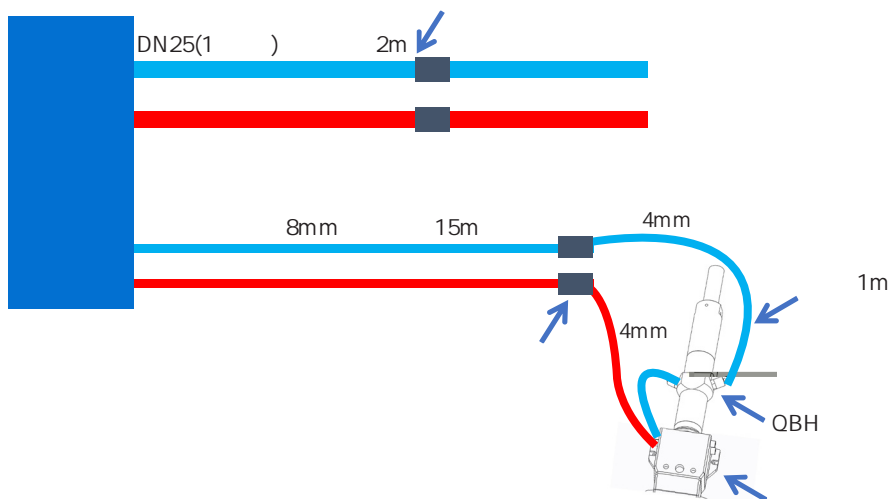
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&ZC 4:

		L/min	bar	
	* = 6* 4	2	3	28-30

8mm 15m ;
 QBH 6 1m ;
 QBH ;
 p 1.5bar



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1

1000

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10 - 40

3

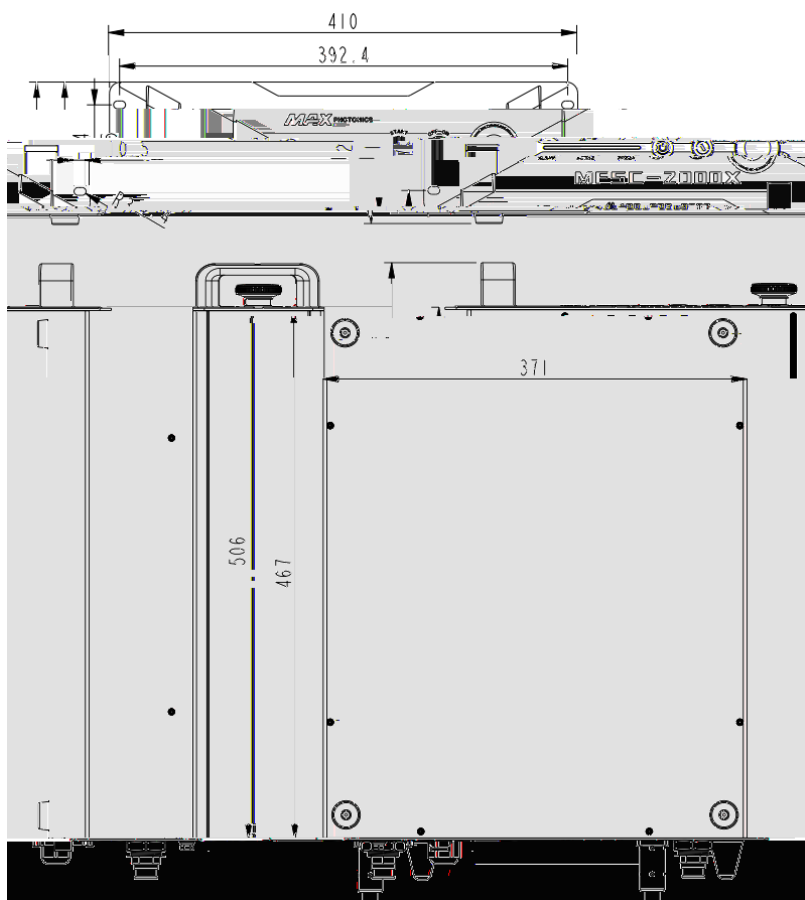
10% - 85%

4

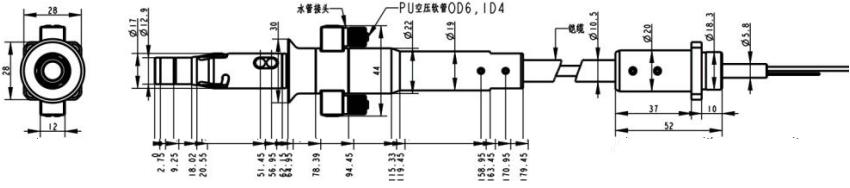
%	Td ()													
	30	35	40	45	50	55	60	65	70	75	80	85	90	95
10	-7.0	-5.0	-3.0	-1.3	0.0	1.5	2.5	3.6	4.8	5.8	6.7	7.6	8.4	9.2
11	-6.5	-4.0	-2.0	-0.5	1.0	2.5	3.5	4.8	5.8	6.7	7.7	8.6	9.4	10.2
12	-5.0	-3.0	-1.0	0.5	2.0	3.3	4.4	5.5	6.7	7.7	8.7	9.5	10.9	11.2
13	-4.5	-2.0	-0.2	1.4	2.8	4.1	5.3	6.6	7.7	8.7	9.6	10.5	11.4	12.2
14	-3.2	-1.0	0.7	2.2	3.5	5.1	6.4	7.5	8.6	9.6	10.6	11.5	12.4	13.2
15	-2.3	-0.3	1.5	3.1	4.6	6.0	7.3	8.4	9.6	10.6	11.6	12.5	13.4	14.2
16	-1.3	0.5	2.4	4.0	5.6	7.0	8.3	9.5	10.6	11.6	12.6	13.4	14.3	15.2
17	-0.5	1.5	3.2	5.0	6.5	8.0	9.2	10.2	11.5	12.5	13.5	14.5	15.3	16.2
18	0.2	2.3	4.0	5.8	7.4	9.0	10.2	11.3	12.5	13.5	14.5	15.4	16.4	17.2
19	1.0	3.2	5.0	7.2	8.4	9.8	11.0	12.2	13.4	14.5	15.4	16.5	17.3	18.2
20	2.0	4.0	6.0	7.8	9.4	10.7	12.0	13.2	14.4	15.4	16.5	17.4	18.3	19.2
21	2.8	5.0	7.0	8.6	10.2	11.0	12.9	14.2	15.3	16.4	17.4	18.4	19.3	20.2
22	3.5	5.8	7.8	9.5	11.0	12.5	13.8	15.2	16.3	17.3	18.4	19.4	20.3	21.2
23	4.4	6.8	8.7	10.4	12.0	13.5	14.8	16.2	17.3	18.4	19.4	20.4	21.3	22.2
24	5.3	7.7	9.7	11.4	13.0	14.5	15.8	17.0	18.2	19.3	20.4	21.4	22.3	23.1
25	6.2	8.6	10.5	12.3	14.0	15.4	16.8	18.0	19.1	20.3	21.3	22.3	23.2	23.9
26	7.0	9.4	11.4	13.2	14.8	16.3	17.7	19.0	20.1	21.2	22.3	23.3	24.2	25.1
27	8.0	10.3	12.2	14.0	15.8	17.3	18.7	19.9	21.1	22.2	23.2	24.3	25.2	26.1
28	8.8	11.2	13.2	15.0	16.7	18.0	19.6	20.9	22.0	23.0	24.2	25.2	26.2	27.1
29	9.7	12.0	14.0	15.9	17.6	19.2	20.5	21.3	23.0	24.1	25.2	26.2	27.2	28.1
30	10.5	12.9	14.9	16.8	18.5	20.0	21.4	22.8	23.9	25.1	26.2	27.2	28.2	29.1
31	11.4	13.8	15.9	17.8	19.4	20.9	22.4	23.0	24.8	26.0	26.9	28.2	29.2	30.1
32	12.2	14.7	16.8	18.6	20.3	21.9	23.5	24.6	25.8	27.0	28.1	29.2	30.1	31.1
33	13.0	15.6	17.6	19.6	21.3	22.9	24.2	25.6	26.8	28.0	29.0	30.1	32.1	32.1
34	13.9	16.5	18.6	20.5	22.2	23.8	25.2	26.5	27.7	29.0	29.5	31.1	32.1	33.1
35	14.9	17.4	19.5	21.4	23.0	24.6	26.2	27.5	28.7	29.9	31.0	32.1	33.1	34.1
36	15.7	18.1	20.3	22.2	24.0	25.0	27.0	28.4	29.0	30.9	32.0	33.1	34.1	35.2
37	16.6	19.2	21.2	23.2	24.9	26.5	27.9	29.5	30.7	31.8	33.0	34.1	35.2	36.2
38	17.5	19.9	22.0	23.9	25.8	27.4	28.9	30.3	31.5	32.0	33.9	35.1	36.0	37.0
39	18.1	20.0	23.0	24.9	26.6	28.3	29.6	31.2	32.5	33.6	34.9	36.2	36.8	38.1
40	19.2	21.6	23.8	25.8	27.6	29.2	30.7	32.1	33.5	34.7	35.6	36.8	38.1	39.1

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mm



第五章 拆装指南

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- >200mm
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1		MFSC-2000X W)-BJ W6.1		1
2		/		1
3		/		1
4		/		1
5		/		1
6	2*2	/		6
7	QBH	6x4mm		1
8		12x8mm		1
9		/		6

第六章 使用指南

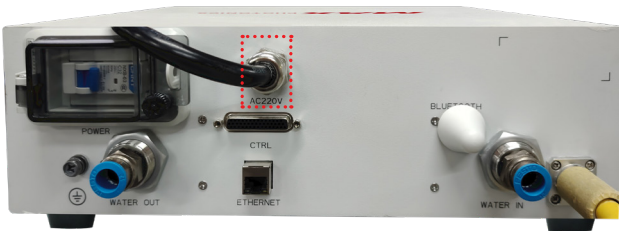
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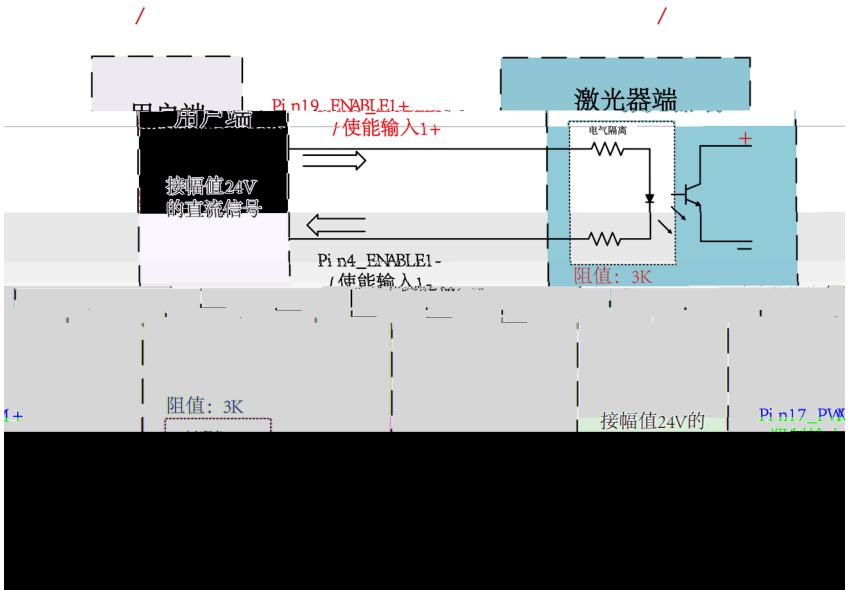
3-

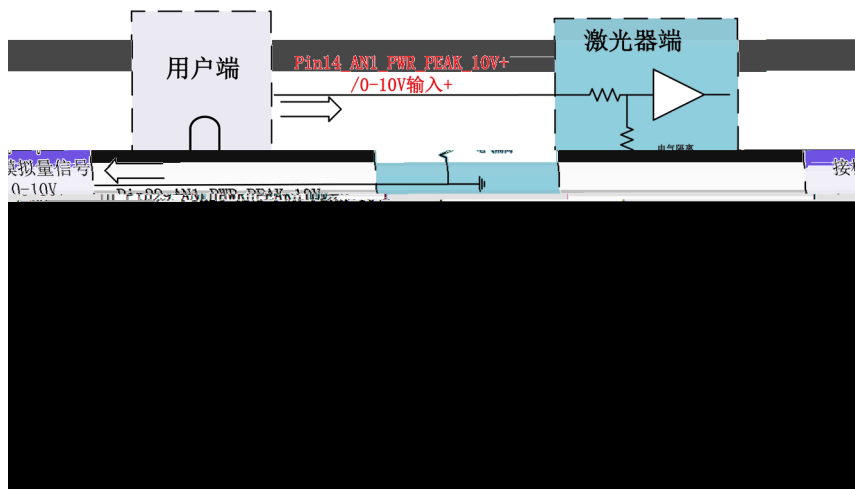
CTRL

DB44

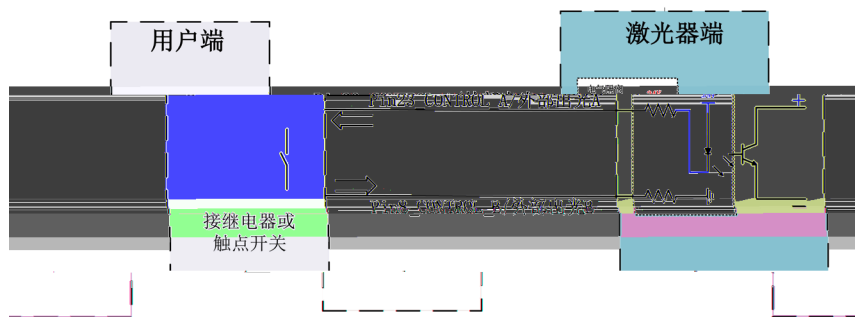
2000X(G6.1)

5FD>				
34		EXLOCK_CH1A	1A	AB
33		EXLOCK_CH1B	1B	AB
38		EMERGENCY1_ INPUT 1A	1A	
37		EMERGENCY1_ INPUT 1B	1B	
19		ENABLE1+	1+	20VDC V 30VDC OVDC V 5VDC
4		ENABLE1-	1-	I 5mA
17		PWM1+	1+	20VDC V 30VDC OVDC V 5VDC
2		PWM1-	1-	I 5mA
14		AN1_PWR_ PEAK_10V+	0-10V +	1V-10% 10V-
29		AN1_PWR_ PEAK_10V-	0-10V -	100% I 1mA
40		ERROR/ALARM_A	A	- - V 30VDC,
39		ERROR/ALARM_B	B	I 100mA
13	NC			
23		CONTROL A	A	AB
8		CONTROL B	B	AB
			PE	





V 30V, I 100mA



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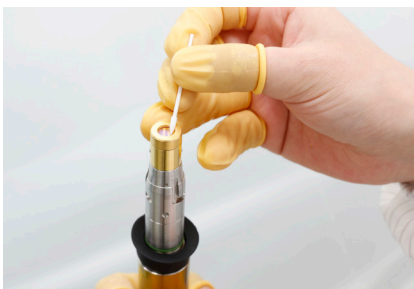
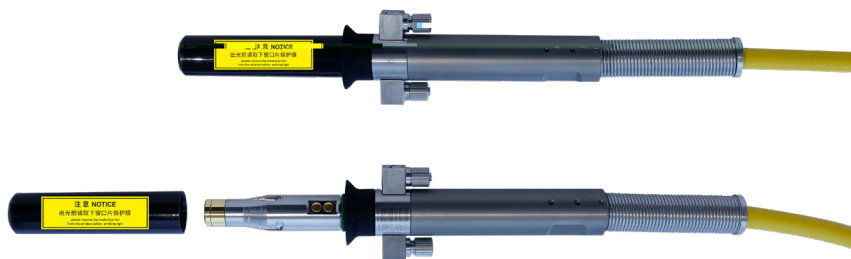
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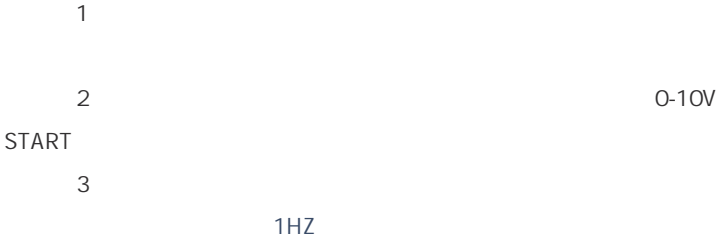
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1 " " " " " " NET4.6" " G6-Series-n.
n.n.n"

<http://www.maxphotonics.com/Cn/Software.html>

The screenshot shows the '下载中心' (Download Center) page on the MAX Photonics website. The page features a navigation bar with 'MAX 创鑫激光' and various menu items. Below the navigation bar, there are tabs for '说明书' (Manuals), '安装视频' (Installation Videos), '安装软件' (Installation Software), and '应用资料' (Application Materials). The '安装软件' tab is selected. A table of software packages is displayed, with the 'NET4.6' package highlighted by a red border.

软件名称	更新时间	操作
G6-Series - 1.0.0.15	Updated:2024-07-08	↓
G6_APP_10.3.4	Updated:2024-05-14	↓
G3-Series -zh - 1.0.1.38	Updated:2024-02-02	↓
G3系列-软件安装指导书 v1.2	Updated:2020-06-15	↓
NET 4.0 安装包	Updated:2020-04-17	↓
NET4.6	Updated:2020-04-17	↓

2 NET4.6 Win10 .NET 4.6

NET4.6

3 G6-Series-n.n.n.n " G6-Series"



4 EtherNet

5 " G6-Series"

IP 192.168.0.178 " "



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5			
6	QBH	QBH	QBH QBH
7			

第七章 服务与维修

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2-

400-900-9588

第八章 保修声明

1-

2-

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6