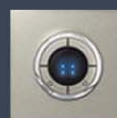


2021 CHINA WALL SWITCH AND SOCKET MARKET REPORT



PREFACE

The global market was rocked hard by the COVID pandemic, and the Chinese wall switch and socket product market was no exception. The WSS industry was already reeling from years of steadily shrinking demand due to housing policies designed to dampen the property market and prevent a housing bubble, but nobody could have predicted the frightening fall in sales and activity that resulted from the lockdown of Q1 2020. Despite this doom and gloom, there is still hope and light for suppliers in these dark times. Project sales have been a steady source of sales for the leading giant international brands, but increasingly for the domestic brands as well. Meanwhile, the OEM/ODM segment has also been a reliable area of growth that has enabled brands to quickly expand their production capacity and rapidly bring new products to market, while also helping manufacturers to reduce the downtime of their production lines. To help your business survive in the harsh post-COVID business landscape, GIM Research has compiled and updated the “2021 China Wall Switch and Socket Product Market Report” , which will empower executives and decision makers with comprehensive data and analysis that will not only help you decipher and assess the market, but also enable you to make the best strategic decisions so that while your competitors flounder, your firm will flourish.

- This Report will include:
- Market size in 2019 and 2020
- Market by segment: product tier, sales model, region, etc.,
- Positive and negative drivers
- Market upheavals
- Product and marketing trends
- Product strategies
- Competitive analysis and brand consolidation updates
- Channel development and reinforcement strategies
- Consumer behavior and preference shifts
- Price hikes and rationale
- Market outlook for 2021 and beyond

COMPANY INTRODUCTION

Green Industry Market Research Company Ltd. (GIM Research) is a market research agency that specializes in conducting independent and exclusive studies focusing on the building efficiency and new energy sectors, and offers a comprehensive range of market research services to clients across the globe.

Established by a dedicated group of market consultants, GIM Research offers over many years of combined experience in the building efficiency and new energy sectors, and their personal network of researchers, consultants and insiders reinforces the strength and accuracy of all of our syndicated reports. The team at GIM research strives to give our clients the most precise and clearest evaluation of the market, and has the willingness and the know-how to guide them towards achieving success in the market.

***2021 China
Wall Switch & Socket
Market Report***

TABLE OF CONTENTS

1	Market and Study Scope Definition	1
1.1	Market Definition And Study Approach	1
1.1.1	Market Definitions.....	1
1.1.2	Research Methodology	2
1.2	Market Segmentation Methodology	2
1.3	WSS Product Coverage	3
2	Executive Summary.....	4
3	Market Size, Forecast and Trends	10
3.1	Overall Market Environment	10
3.2	Market Size in 2020	17
3.2.1	WSS Market Chaos in the Post-COVID World.....	19
3.2.2	The WSS Market Experienced Freefall in 1H, but Rebounded in 2H	19
3.2.3	Market by Region	35
3.2.4	Distribution vs. Project Sales.....	37
3.3	Product Design Seeking Breakthrough.....	40
3.4	Market Forecast	41
3.4.1	Macroeconomic and Market Environment.....	41
3.4.2	Stable Real Estate Market in 2021.....	42
3.4.3	Old Urban Community Renovation and Service Apartments	42
3.4.4	Starred Hotel Investment has Stagnated and is Fading	43
3.4.5	2021 Market Forecast	45
3.4.6	Market Trend by Market Segment.....	46
3.4.7	Residential Housing Market Lead Project Sales Expansion	47
3.4.8	Price Increases Expected to Continue Throughout 2021	47
4	Suppliers and Market Characteristics	48
4.1	Market Characteristics	48

4.1.1	Market Share in 2020	50
4.2	Key Suppliers in the Distribution Market.....	54
4.3	Key Suppliers in the Project Sales Market.....	58
4.4	International Brands Lead Project Sales	61
5	Product Sales Channels.....	62
5.1	Project Channel Becoming More Important.....	62
5.2	Tepid E-Commerce Business	63
5.3	Distribution Channel Categories	63
5.4	Retail Market Introduction:	64
5.4.1	Building Material Chain Store (BMCS).....	64
5.4.2	Building Material Markets (BMM)	64
5.4.3	Exclusive Brand Shops (EBS).....	65
5.4.4	'Mom and Pop' Hardware (MPH) Shops	65
5.4.5	E-Shops.....	65
5.4.6	The Decoration/Fit-out Company	66
6	WSS Product Price	67
6.1	Pricing increases significantly for some, marginal change for others.....	67
6.2	Prices Vary by Distributional Structure	67
6.3	Sales Rebate Systems As A bonus	69
7	WSS Product Production	70
7.1	WSS OEM/ODM Manufacturing Market	71
7.2	WSS OEM/ODM Market Share.....	71
7.3	Higher ROI Pressure will Drive Future WSS OEM Growth.....	72

LIST OF TABLES

Table 3-1 WSS Market Size, USD mil., 2015-2020	17
Table 3-2 WSS Market Size, RMB mil., 2015-2020	17
Table 3-3 Market Size by Tier, USD mil., 2017-2020	22
Table 3-4 Market Size by Tier, RMB mil., 2017-2020	22
Table 3-5 TI Market 2020 - Market Share by Supplier, US\$ mil.....	25
Table 3-6 T1 Market 2020 - Market Share by Supplier, RMB mil.....	25
Table 3-7 T2 Market 2020 - Market Share by Supplier, US\$ mil.....	27
Table 3-8 T2 Market 2020 - Market Share by Supplier, RMB mil.....	28
Table 3-9 T3 Market 2020 Market Share by Supplier, USD mil.	30
Table 3-10 T3 Market 2020 Market Share by Supplier, RMB mil.....	31
Table 3-11 T4 Market 2020 Market Share by Supplier, USD mil.	33
Table 3-12 T4 Market 2020 Market Share by Supplier, RMB mil.....	34
Table 3-13 Zones/Regions in China	35
Table 3-14 Market Size by Region, USD mil., 2020	36
Table 3-15 Market Size Forecast, USD mil., 2017-2023	45
Table 3-16 Market Size Forecast, RMB mil., 2017-2023.....	45
Table 4-1 Total Sales Value by Key Supplier, USD mil., 2020	51
Table 4-2 Total Sales Value by Key Supplier, RMB mil., 2020	52
Table 4-3 Distribution Sales Value by Key Supplier, USD mil., 2020	55
Table 4-4 Distribution Sales Value by Key Supplier, RMB mil., 2020	56
Table 4-5 Project Sales Value by Key Supplier, USD mil., %, 2020	59
Table 4-6 Project Sales Value by Key Supplier, RMB mil., %, 2020	60

LIST OF FIGURES

Figure 2-1: Map of China	4
Figure 3-1 China GDP Growth, %, 2006-2020	10
Figure 3-2 China FAI and Growth, %, 2006-2020	11
Figure 3-3 Monthly China FAI Growth, %, 2020	12
Figure 3-4 China Real Estate Investment and Growth, %, 2009-2020	13
Figure 3-5 China Real Estate Investment Growth, %, 2009-2020	13
Figure 3-6 New Construction Area of China's Real Estate, mil. m ² , 2006-2020	14
Figure 3-7: New Construction Area of China's Residential Housing/Villa, mil. m ² , 2006-2020	14
Figure 3-8: WSS Market Size and Growth Rate 2010–2020 (USD mil., %)	18
Figure 3-9: WSS Market Size and Growth Rate 2010–2020 (RMB mil., %)	18
Figure 3-10: China WSS Market by Quarter in 2020 (RMB mil., %)	20
Figure 3-11: Market Development by Segment, 2010-2020	23
Figure 3-12: WSS Market Segmentation by Tier in 2020	23
Figure 3-13: Market Share by Region, %, 2020	37
Figure 3-14: Market Share by Channel in 2020, %	39
Figure 3-15 Chinese Economy and Real Estate Market Development Trends, 2010-2023	42
Figure 3-16: Annual New Starred Hotel Opening Statistics, Hotels, %, 2010-2020	43
Figure 3-17: Market Size and Growth Forecast, USD mil., %, 2011-2023	46
Figure 4-1: Market Share by Supplier, %, 2020	53
Figure 4-2: Change in Market Share by Key Suppliers, %, 2010-2020	53
Figure 4-3: Distribution Sales Market Share by Supplier, %, 2020	57
Figure 4-4: Project Sales Market Share by Key Suppliers, %, 2020	61
Figure 5-1: Traditional WSS Channel Structure	66
Figure 6-1: Supplier Cost Structure for WSS Distribution Channel	69
Figure 7-1: Two Established Production Centers in China	70
Figure 7-2: China WSS OEM/ODM Market Share, %, 2020	72

LIST OF APPENDIXES

Appendix: A Key WSS Manufacturers in Guangdong, Zhejiang and Jiangsu Provinces 74

1 MARKET AND STUDY SCOPE DEFINITION

1.1 MARKET DEFINITION AND STUDY APPROACH

1.1.1 Market Definitions

This section defines the product coverage and market size of this study, which will help the reader gain a better understanding of the scope of this research report.

1.1.1.1 Product Definition

For this report, the wall switch and socket (WSS) market has been defined by a broad range of products which includes ordinary switches, electrical sockets, and control buttons that are utilized in a diverse range of applications. These products are extensively used in residential, commercial and industrial buildings, and because of the substantially varied needs of these markets, the product quality, safety, price, and appearance of WSS products are highly specialized depending on the end users' intended use.

Please note that electrical sockets sold to residential end users and electrical sockets sold by the WSS business unit of each supplier are included in the WSS market as defined in this report. However, RJ45 or RJ11 information outlets sold by structured cabling companies to office buildings, commercial buildings, or data centers are not included in this report as these are defined as connectivity products within the structured cabling market. Similarly, switches/sockets with control modules, either wired or wireless, are not counted, as these products are classified as home automation or intelligent home products, which are usually supplied by a different companies or business units than WSS business units and are therefore excluded from the scope of this report.

1.1.1.2 Market Size Definition

GIM Research has calculated market size by adding together the sales revenues of suppliers, excluding 13.1% VAT, however this estimate of market size does not take into account any value added by distributors and contractors, since this varies by case and is subsequently impractical to calculate.

Additionally, our market size figures include counterfeit products sold in the market. Counterfeit products, referred to as non-standard products, are quite common in the open market, as has been the case in China for many years. Various small-scale local manufacturers still exist, mostly in eastern and southern China, although the number of these manufacturers and the quantity of products sold by them has dropped significantly in recent years due to turbulent material price fluctuations, as well as increased competition from legitimate suppliers. Counterfeit products primarily target the lowest-end market segment and are sold through retail channels or for projects.

1.1.2 Research Methodology

The methodology we have chosen for this study is a hybrid of a structured approach and an unstructured approach: the former relies on a logical, sequential, step by step process that follows a research plan based on objectives, while the latter deeply explores the radical factors which have affected this market and seeks to gauge the marketing performance of different brands. The majority of the research carried out for this study relies on qualitative methods, face to face in-depth interviews and telephone interviews.

The results of this research project are based upon dozens of interviews with international and local WSS company suppliers, distributors, and retailers across the country in the beginning of 2021.

1.2 MARKET SEGMENTATION METHODOLOGY

In this report, we have subdivided the market into 4 tiers by analyzing 2 critical dimensions: product pricing and positioning.

Tier 1 (T1): the high end, luxury market, the majority of which is imported directly from the overseas market. The market price of a 1 gang 1 way switch in this tier averages over 100 RMB, and these products are usually installed in five-star luxury hotels, entertainment centers or very high-end residential buildings.

Tier2 (T2): this tier consists of the high end and the middle high end, and consists of locally produced high end and middle high end products from international and local brands. The market price of a 1 gang 1 way switch in this tier averages between 25 RMB to 100 RMB. However, the majority of T2 products are priced between 25-50 RMB, with very few examples in the 50-100 RMB range.

Tier 3 (T3): the mid-range market includes mid-range and low end products, international brand products and the key category of local brand products. The market price of a 1 gang 1 way switch in this tier averages between 10 RMB to 25 RMB. These products account for the lion's share of quantity and revenue in a WSS company's product portfolio.

Tier 4 (T4): the low-end market that caters to the cost-conscious, rural market. Local brands dominate this segment. The market price for the 1 gang 1 way switch is below 10 RMB. This segment even includes products which have zero branding on product packaging. These products are usually produced by small sized local manufacturers, and then sold in the remote rural market, or purchased by residential building developers to install into housing construction projects as a temporary measure until house buyers install their own interior decorations.

1.3 WSS PRODUCT COVERAGE

WSS products, also known as electrical accessories in China, refer to electric control devices for switches and sockets, and other related categories of electrical connectors for use in residential and commercial buildings (this excludes networking/connectivity products and intelligent lighting switch modules). We exclude these products because they are managed by differing business units and are sold through different channels.

In the Chinese market, we have several series/sized product series, including 80 series, 86 series and 120/118series.

- 86 series: measuring 86 mm x 86 mm, this series is the most popular standard sold in the whole Chinese market.
- 120/118 series: standard size: measuring 120 mm x 74 mm or 118 mm x 74 mm, this series is originally from Japan and is currently common in Zhejiang, Anhui, and Hubei provincial markets, but seldom seen in other regional markets.
- 80 series: European standard products that are usually imported from EU countries, used most often by high end hotels or residential buildings. These product are not available in the public market.

The products covered in this report include:

- 1 Gang 1 Way Switches
- 1 Gang 2 Way Switches
- 2 Gang 1 Way Switches
- 2 Gang 2 Way Switches
- 3 Gang 1 Way Switches
- 3 Gang 2 Way Switches
- 10A 3 Pin Sockets
- 16A 3 Pin Sockets
- 10A 2/3 Pin Sockets
- 16A 2/3 Pin Socket with Switches
- 1 Gang TV Sockets
- 1 Gang Telephone Sockets
- 2 Gang RG45 Sockets (residential use)
- Hotel Products: Doorbell Switch, Key Card Switch, Shaver Socket, etc.
- Blank Plate
- Others