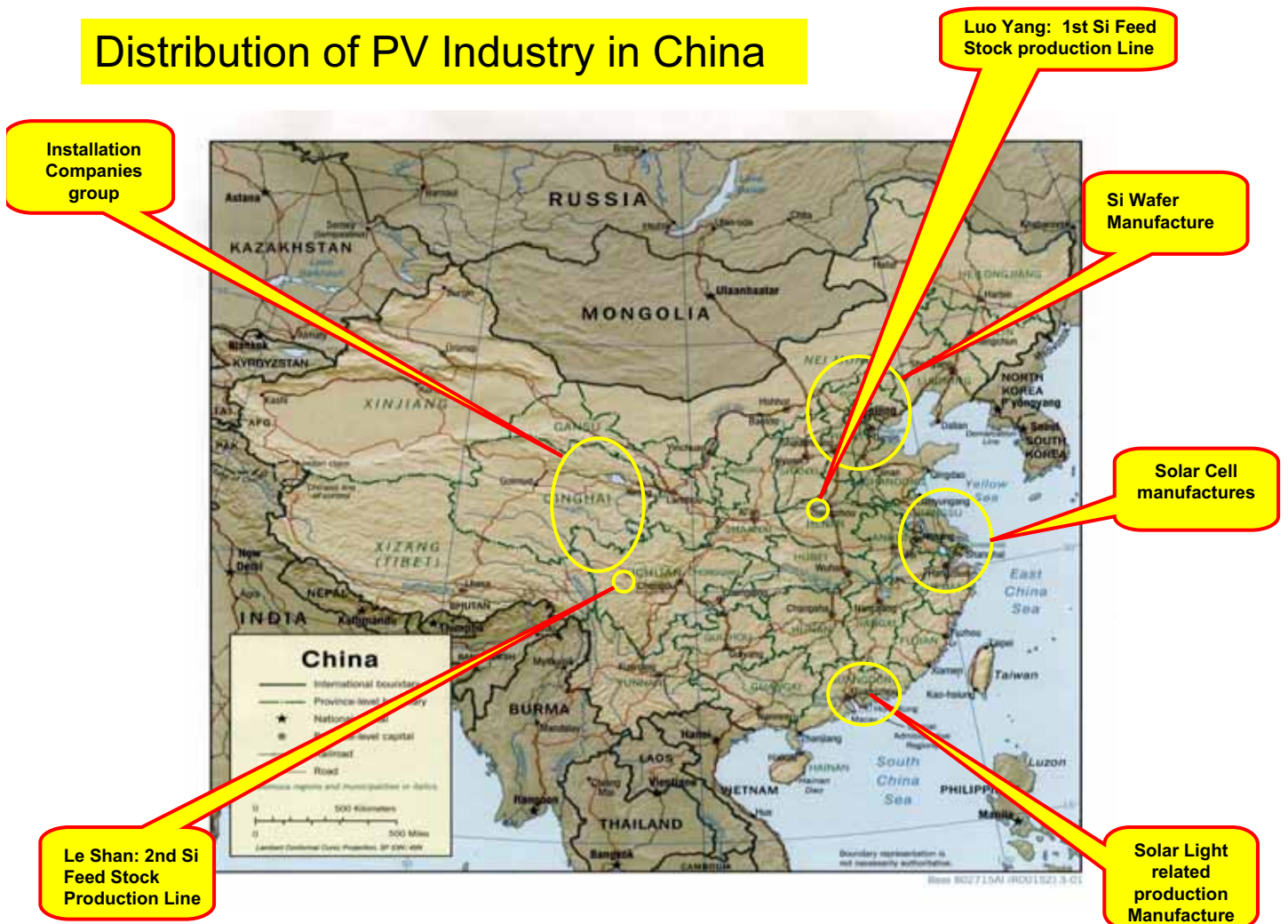


# PV Map of China

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## Distribution of PV Industry in China



# Distribution of Si Feed-Stock in China

Shizuishan:  
1000

Luo Yang Zhonggui:  
1st phase: 300(2005.8)  
700 (2007)  
2nd phase: 2000 (2008)

Le Shan Astar:  
1260 (2007.2)



Yichang:  
2000

# Main Solar Grade Si Wafer Manufactures in China (Capacity(2005)/Production(2005))

LDK (Cast)  
3300/0

Tianwei Yingli (Cast)  
770/260

Jinglong (Ingot)  
2250/1126

Jinzhou Huari (Ingot)  
800/400

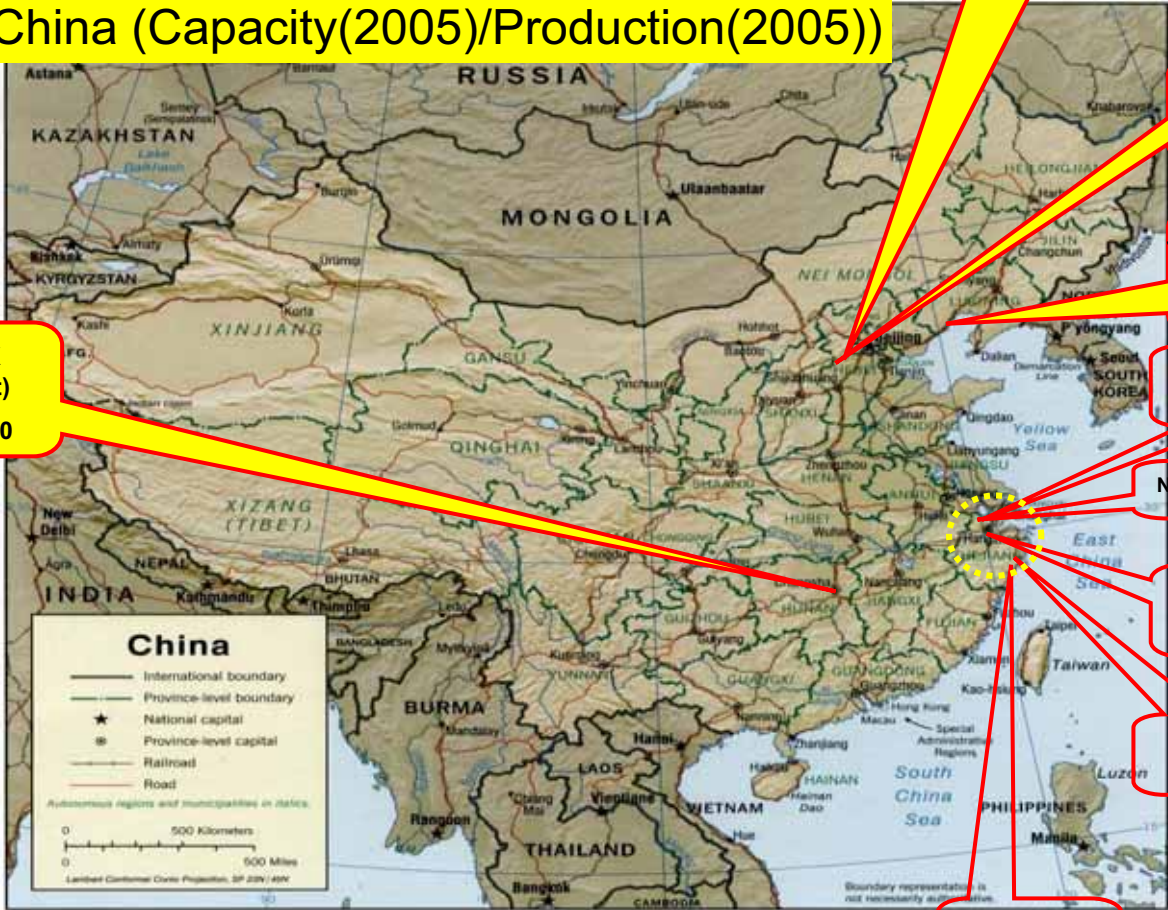
Trina Solar (Ingot)  
180/60

NREI of Qinghai (Ingot)  
270/0

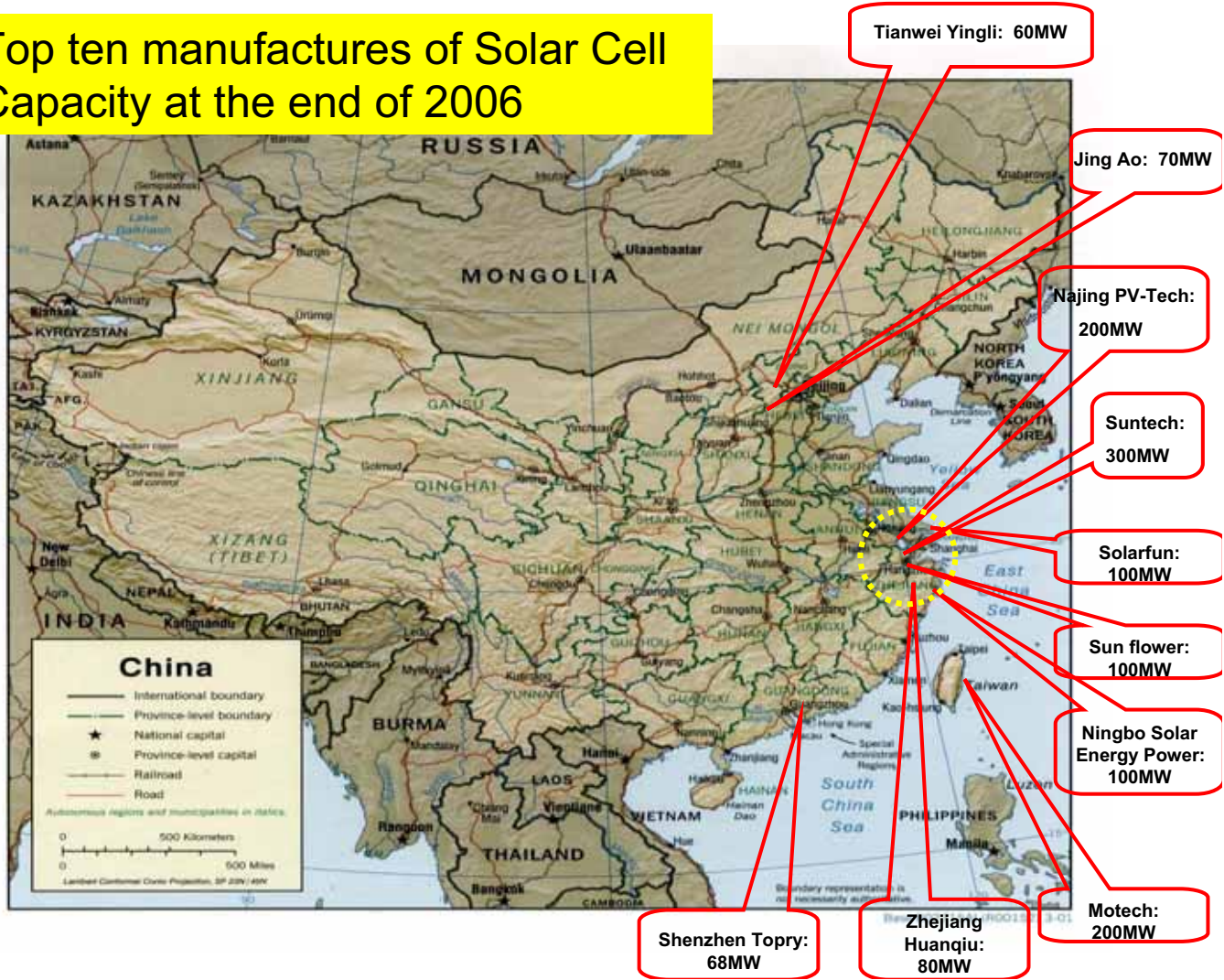
Zhejiang Sunda (Ingot)  
350/100

Jingong (Ingot)  
130/0

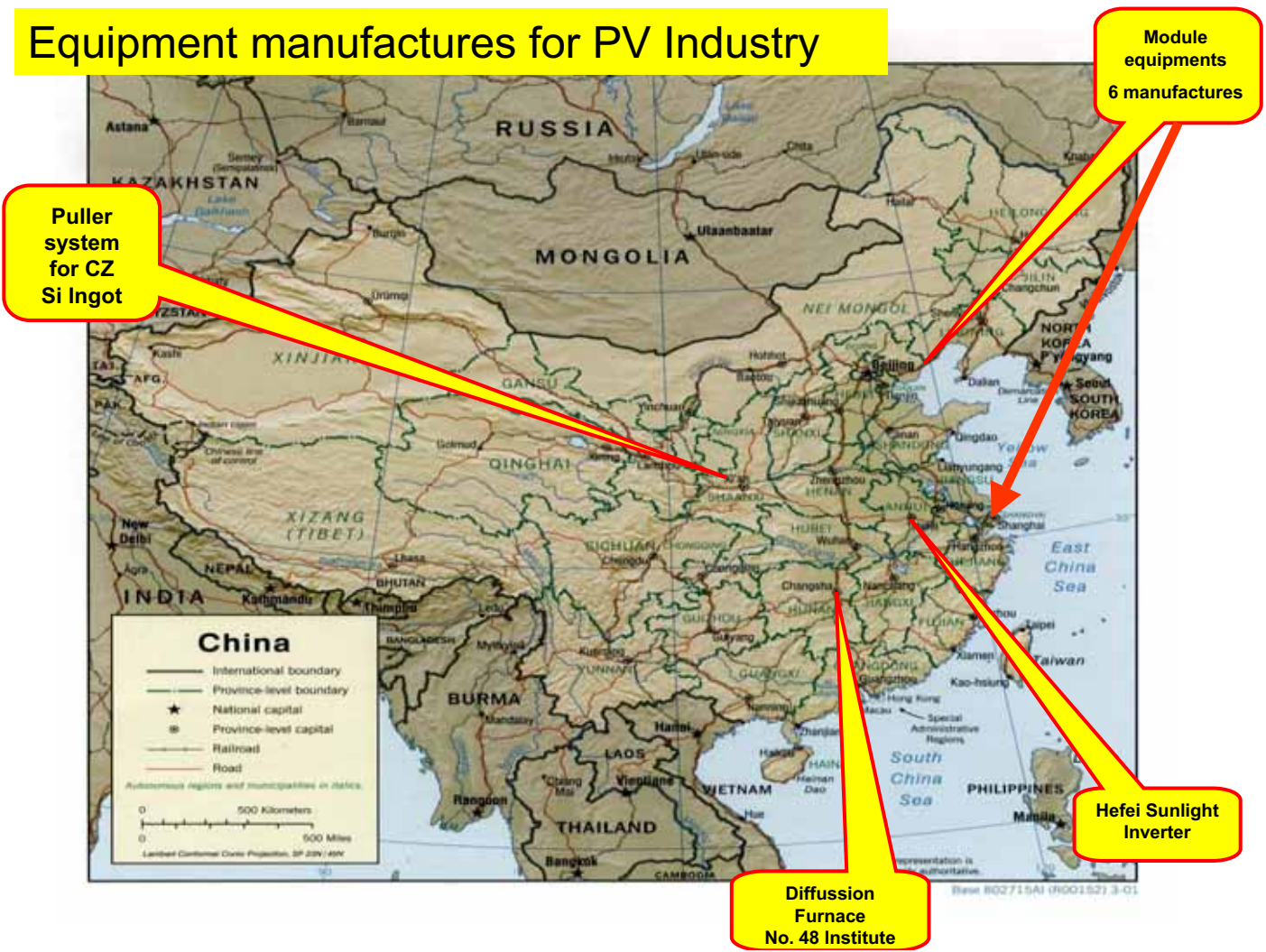
Ningbo Jinyuan (Ingot)  
90/40



# Top ten manufactures of Solar Cell Capacity at the end of 2006

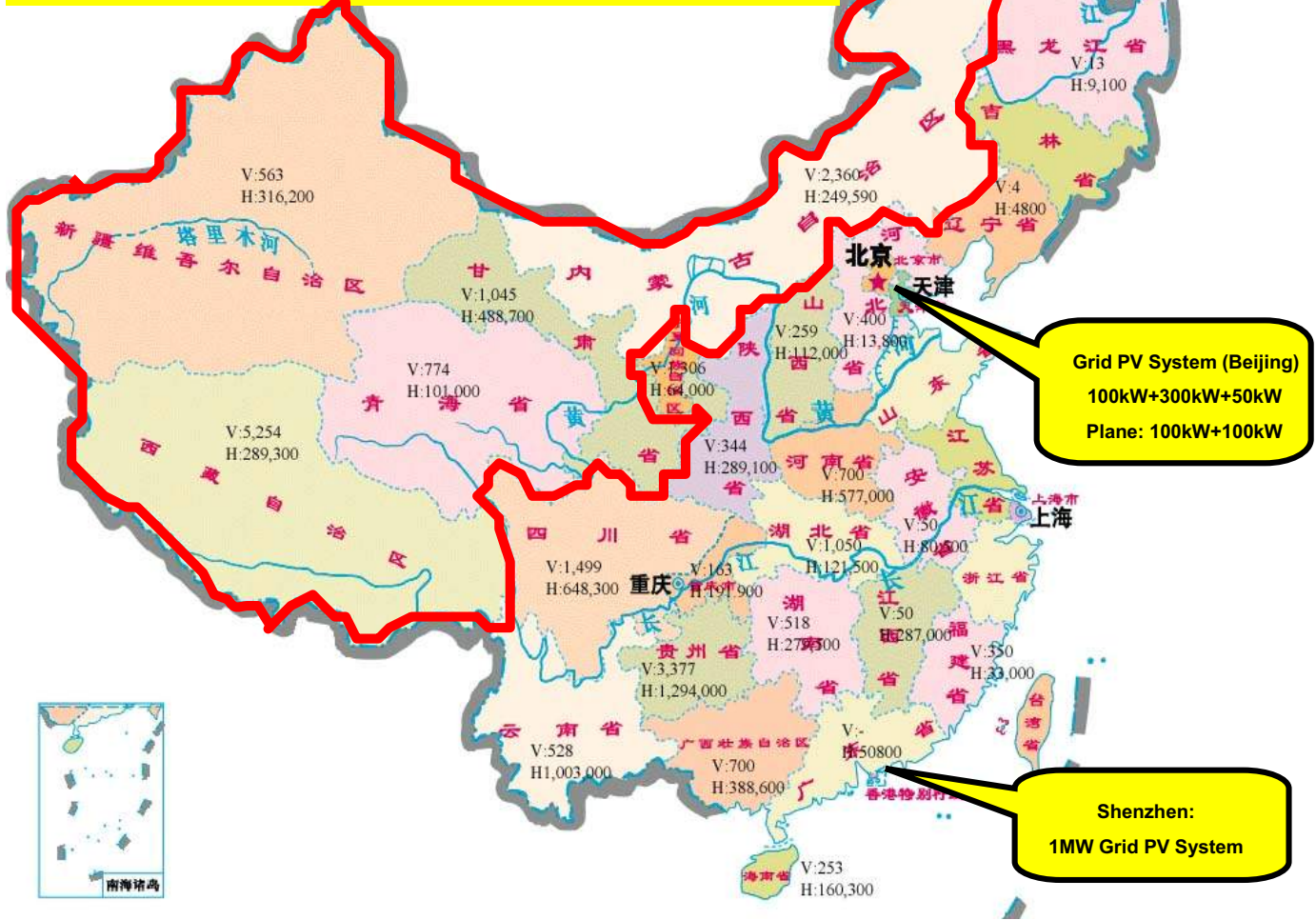


# Equipment manufactures for PV Industry





# The Application of PV System: Stand alone system in 5 western Province



# Main sale center and applied products manufactures center in China



# The Si feed stock production Line

	Capacity (Ton/Y)	Finish time
Sichuan E'Mei Si feed stork pilot line	100	1999年底
Sichuan E'Mei Si Feed Stock Production	200	2006
Luo Yang Zhong Gui (First Phase 300 Ton project)	300	2005.8
Luo Yang Zhong Gui (First Phase, 700 Ton project)	700	2007年初
Luo Yang Zhong Gui (Second Phase)	2000	2008年
Sichuan Leshan Xingguang Si manufacture	1260	2007.2
Total	4560	2007—2008

# The manufacture of Si ingot (2005)

Manufacture	Type	Capacity (Ton)	Production (Ton)
Ling Long	Mono Ingot	2250	1126
Jinzhou Huari	Mono Ingot	800	400
Trina Solar	Mono Ingot	180	60
New Energy Research Instittue of Qinghai	Mono Ingot	270	0
Tianwei Yingli	Cast	770	260
Ningbo Jingyuan	Cast	90	40
Jingsu Sunda	Mono Ingot	350	100
Jinggong	Cast	132	0
Rest	Mono Ingot	1000	400
Total	5842 (Mono Si 4850, Poly Si 992)		2386 (Mono Si 2086, Poly Si 300)

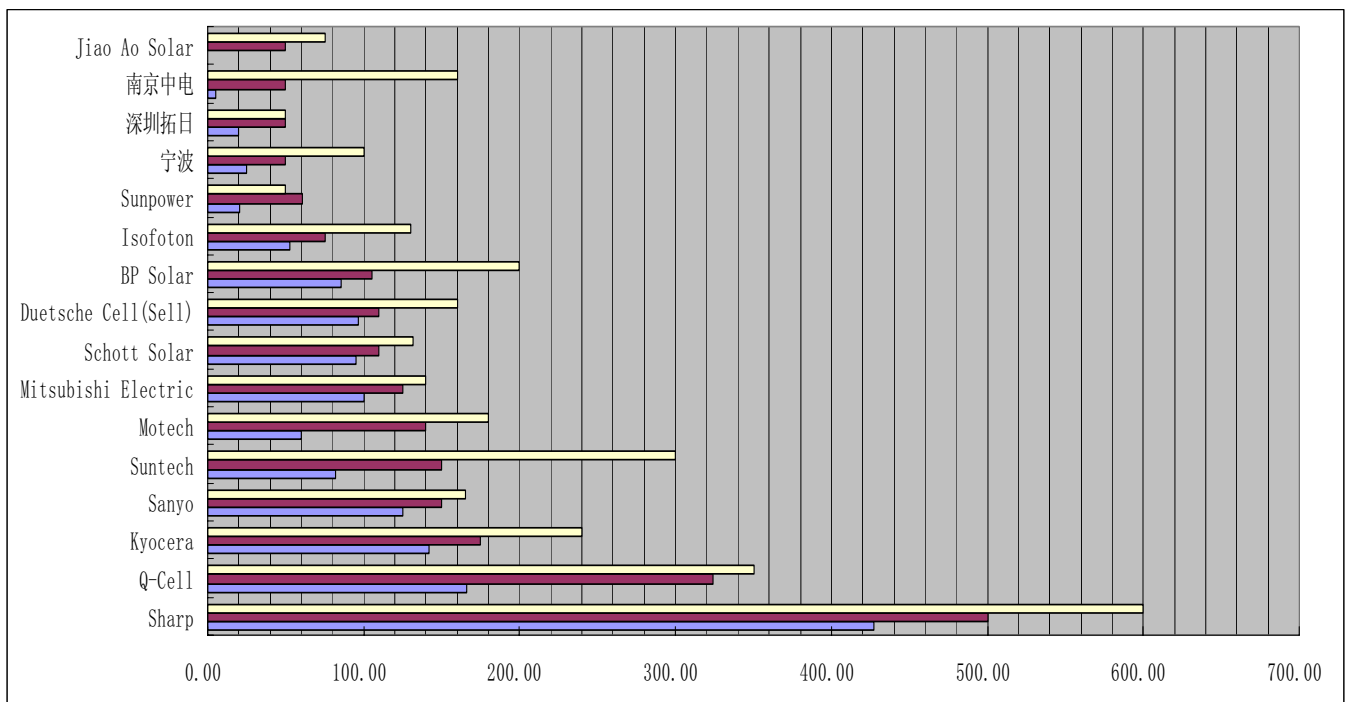
# The manufacture of Si solar cell

Mane	Production in 2005 (MWp/Y)	Capacity at the end of 2006 (MWp/Y)
Suntech	82	300
Ningbo Solar Power	20	100
Zhejiang Sunflower	0	100
浙江环球太阳能科技发展有限公司	0	80
Nanjing PV-Tech	5	200
Trinar Solar	0	50
Tianwei Yingli	3	60
Yunnan Tianda PV	3	50
厦门润方太阳能科技有限公司	0	50
Jiangsu Linyang Solafunr	1	100
Jing Ao Solar	0	75
Shenzhen Topry	9.6 (Mono 3, A-Si6.6)	68 (Mono38, A-Si30)
深圳市日月环	2 (A-Si)	2 (a-Si)
柏玛微电子(常州)有限公司	0	50
Shenzhen Jiawei	0	40
上海太阳能科技有限公司	0	50
江苏天保光伏能源有限公司	0	25
无锡尚品太阳能电力科技有限公司	0	30

# The manufacture of Si solar cell

Mane	Production in 2005 (MWp/Y)	Capacity in the end of 2006 (MWp/Y)
上海交大泰阳绿色能源有限公司	7	25
中轻太阳电池有限责任公司	0	25
苏州阿特斯	0	25
江阴浚鑫科技有限公司	0	25
杉杉尤利卡太阳能科技发展有限公司	0	20
北京世华创新科技有限公司	0	20
浙江公元太阳能科技有限公司	0	20
江苏中盛光电有限公司	0	15
天津津能电池科技有限公司	2.1 (非晶硅)	7.5 (非晶硅)
深圳创益科技发展有限公司	2 (非晶硅)	5 (非晶硅)
北京桑普阳光	0	5
广东铨欣照明有限公司(草坪灯用电池)	9	20
云南卓业能源科技有限公司	0	10
海南天聚太阳能	0	10
上海超日太阳能科技公司	0	10
北京中联	0	1
Total	145.7 (Crystalline 133, a-Si12.7)	1673.5 (Crystalline1629, a-Si44.5)

# Top 15 solar cell manufacturers in the World in 2005 and 2006



兰: 2005年产量  
 紫: 2006年计划产量  
 白: 2006年底产能

# Thank You