

DelSolar (A Solar Company of Delta Family)



August, 2008

http://www.delsolarpv.com

DelSolar Co., Ltd.



DelSolar, a solar company of Delta Family (since Nov. 2004)

An up-and-coming PV system components provider with

- Cutting edge technologies
 - Exceptional cell and module efficiencies
 - World-class manufacturing and automation processes
 - Optimum cost/performance
- Extensive vertical integration and strategic alliances
- Global business operations and services

Corporate Mission:

To Enable Ubiquitous Solar Systems for a Greener World

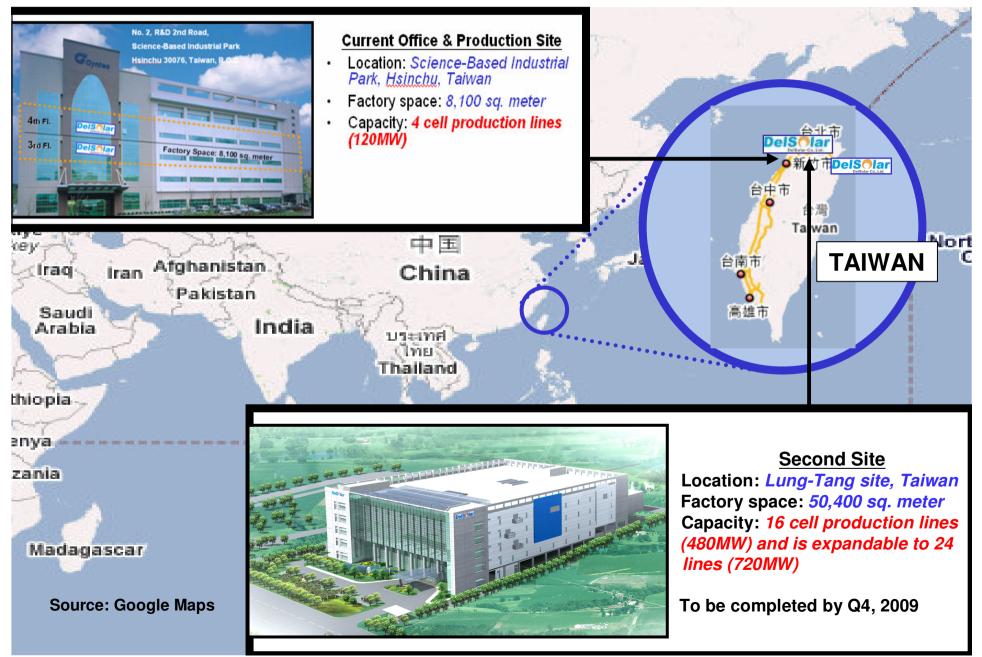
Management Team (1)

Name	Education	Experience	Honors & Achievements
R.C. Liang (Chairman and CEO)	Ph.D., Polymer Science & Eng. Polytechnic Univ., NY USA	CTO, Delta Electronics, Taiwan; Chairman & CEO, DelSolar, Taiwan; Chairman & CEO, Trillion Science, CA; GM, Delta Opto, Taiwan Vice Chairman, President, CTO and co-founder, SiPix Group, CA; Executive Advisor, BASF Electronic Materials, Ludwigshafen, Germany; Fellow and Program Director, Polaroid, MA; Fellow and Group Manager, Mead Corp. OH; TAB Director & Adjunct Professor, Center of Photochemical Sciences, Bowling Green State Univ., OH; Research Assistant Professor, Polytechnic University, NY.	Herman Mark Medalist, NY (2007) Alumni Achievement Award, National Tsing Hua Univ., Taiwan (2006); Alumni Achievement Award, Polytechnic Univ., NY (2004); More than 100 US patents in Materials, Processes and Systems for Electronics, Display and Photochemical applications.
Mel Yuan (President & COO)	EE MingChi Univ. of Technology Taiwan, R.O.C.	President, DelSolar More than 25 years experiences in Delta Electronics, responsibilities include: VP of Technology; General Manager of Business Unit.; Director, Design Engineering Division; Plant manager; Manager, QA Division; Manager, Design Engineering Division.	Served as a high level senior manager and Board Director of Delta Electronics, led the successful development and marketing of many products including power supplies, communication power systems and UPS, etc.
S.M. Lee (CMO, Manufact uring)	IE St. John's Univ. Taiwan, R.O.C.	Sr. VP, Fab. Operations Div., DelSolar More than 20 years experiences in Delta Electronics, responsibilities include: Manufacturing VP, Delta China; Manager, Manufacturing Department, Thailand Site; Section Manager, Chung-Li Site; IE Engineer, KeeLung Site.	Managed 5 plants & construction design and led productivity improvement, Lean Production implementation, SMT and production technology training projects at Delta China ; Led system design, Delta Thailand; Successfully transferred Fan product production to Delta China.
Dr. YY Tsai (CTO)	Ph D., EE Technische Universitaet Hamburg-Harburg, Germany	 Sr. VP & CTO, DelSolar ; Sr. Director, Corporate RD, Delta Electronics More than 20 years working experience in the fields of technology and management. VP of Engineering, Delta Networks; BU Head & Senior Director, Components Business Group, Delta Electronics 	Established the RF/Microwave & Fiber Optic Business Unit, As BU head in charge of sales & marketing and RD departments, where under his leadership more than 40 patents were granted. Developed ship-loaded ARPA radar for searching and tracking purposes

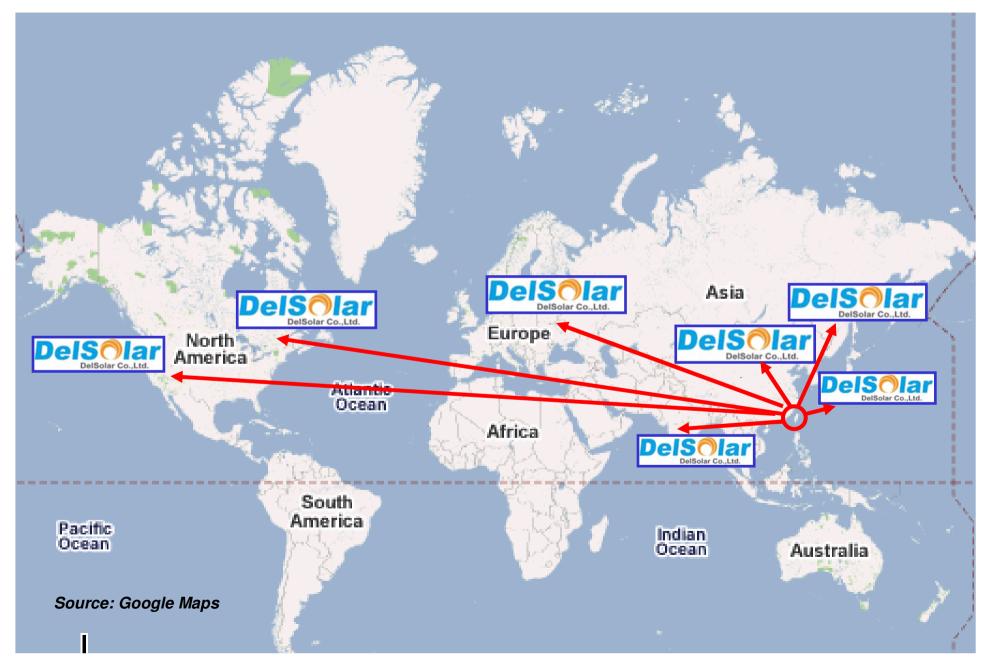
Management Team (2)

Name	Education	Experience	Honors & Achievements	
Eve Yang (CFO)	MBA North Alabama State Univ. USA	Director, Finance Dept., DelSolar More than 18 years experiences in Finance & Accounting, responsibilities include: Assistant Director, Financial Division, PPt; Financial Manager, SPIL Group; Section Manager, Financial Department, CNet	Led IPO of SILICONWARE, PPt Merger of SILICONWARE & Talent Elec., SPIL & SILICONWARE, PPt & Dayshine, etc., Capital market money raising programming: (1)NTD 1.62 billion CB, (2)NTD 3 Billion & 4 billion of bank loans.	
L.C. Kuo (Business Development)	MS, Chemistry National Tsing Hua Univ. USA	AVP, Business Development, DelSolar More than 20 years in solar cell development at ITRI; Responsibilities include Director of Solar Cell Development Office and RD Project Leader; in charge of 15 RD projects with total budget near NT\$1B, including all solar cell related R&D projects.	12 Solar cell related patents12 technical proceedings publication12 technical papersMono Si-crystalline technology transfer project	
Jack Huang (R&D)	Ph.D. EE, National Chiao Tung Univ. Taiwan, R.O.C.	Director, R&D, DelSolar More than 13 years experiences in crystalline solar cell development at ITRI, responsibilities include Project Leader of Transparent Conducting Electrical Film Development Project, one dimension nano matrix Development Project, Solar Cell Technology Transfer Project, etc.	5 Solar cell related patents; 8 international technical papers; 3 international patents in one-dimensional nano wire development papers; Consult and technology transfer ITO technology to EPISTAR; Consult and technology transfer of solar cell technology to E-ton and etc.	
Jackie Chiang (Sales & Marketing)	MS, EE Columbia Univ., NY USA	Director, Sales & Marketing, DelSolar Procurement Manager, Sales Deputy Director, TPO Co., Ltd.; Engineer, Section & Dept. Head, ITRI.	In charge of world wide PDA sales and marketing, successfully attained PDA orders from HTC,ACER, LiteOn, ETen, LGE, ASUS etc., in charged of Korean Region sales and marketing; Procured the first domestic LTPS TFT-LCD RD and production line.	
Austin Chiu (Legal, IP&IKM)	LLM&LLB National Cheng Chi Univ. Taiwan, R.O.C.	Director, Legal, IP&IKM, DelSolar IP Counsel, Intellectual Property & Standards, Royal Philips Electronics N.V. Dept. Manager, Legal, Vanguard International Semiconductor Co. Attorney, Formosa Transnational Attorneys-at-Law	Handled and coordinated EU TBR Investigation and IP litigations, including antitrust and licensing cases; Standardized diversified contracts and internal mgt regulations following company's interest; Represented governmental agencies and companies for civil/administrative/criminal proceedings & arbitrations.	

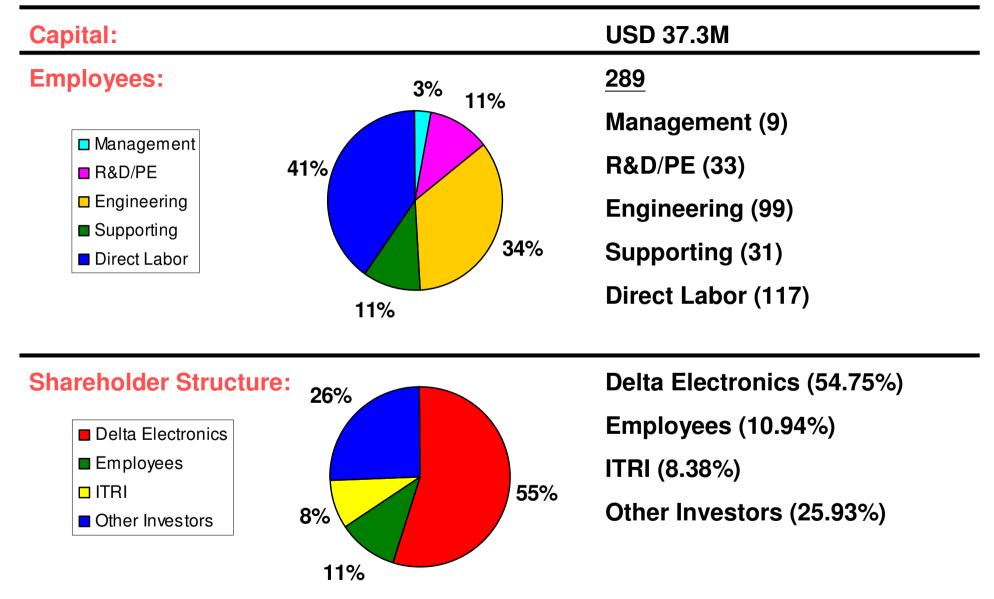
Company in Brief - Location



DelSolar DelSolar's Global Business Operations

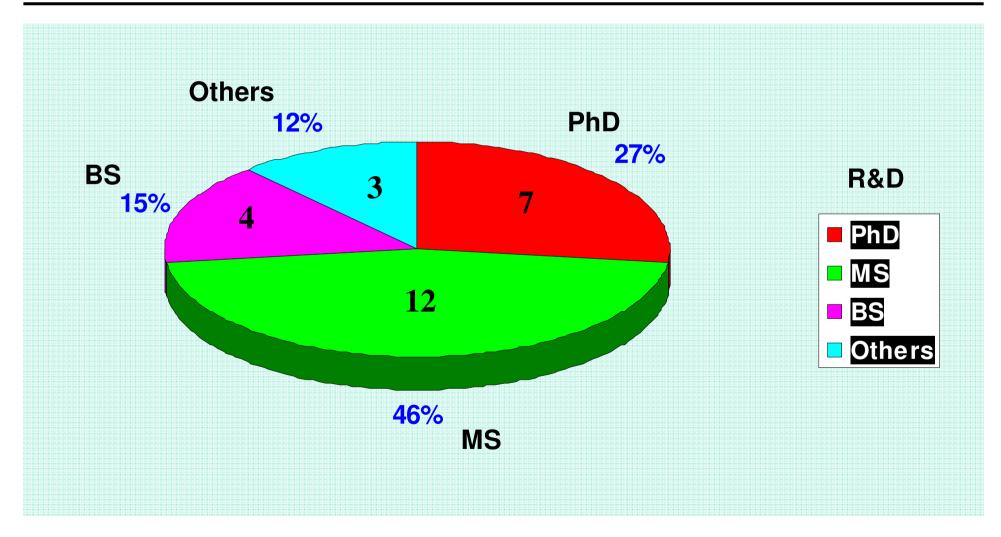


DelSolar Company in Brief – Basic Facts (Aug 2008)





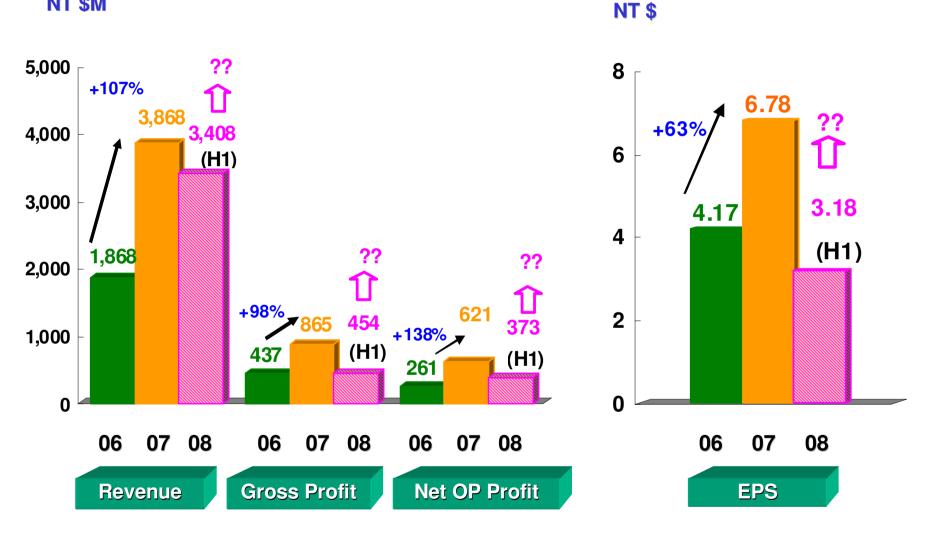
R&D (26)



2006~2008 Operating Performance

NT \$M

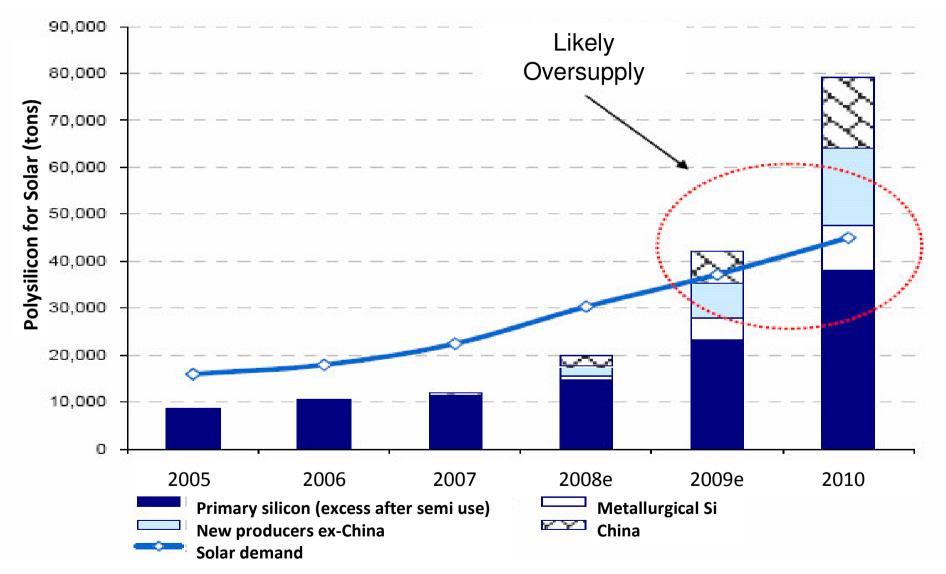
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DelSOlar **DelSolar Milestones & Prospects** Capacity **Revenue** (MW) USD) Q4, 2008 1000 \$2 Billion 1.Module business in operation Capacity (MW) 2. Construction of new plant in Goal - Revenue (USD) Long-tan **120MW** 2005 125 \$200M Break-even **75MW** & profitable ·N' 75 -\$150M **50MW** 50-**_**\$100M \$120M 57.3 25MW 25-\$50M .8N 2004 201? 2005 2006 2008 2007 Q1, 2009 : Stock listed on the Nov.2004 Begin the PV system **Emerging Board of OTC** components (Taiwan). ISO 9001: 2000, DelSolar business ISO 14001:2004 and 10 founded OHSAS 18001 granted



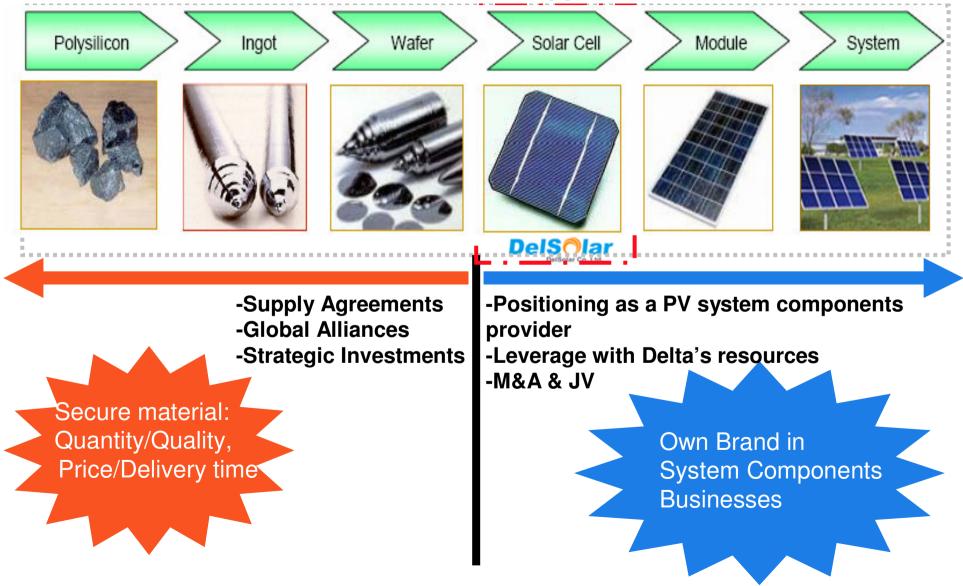
Shortage of Polysilicon seems likely to ease in 2009 or 2010



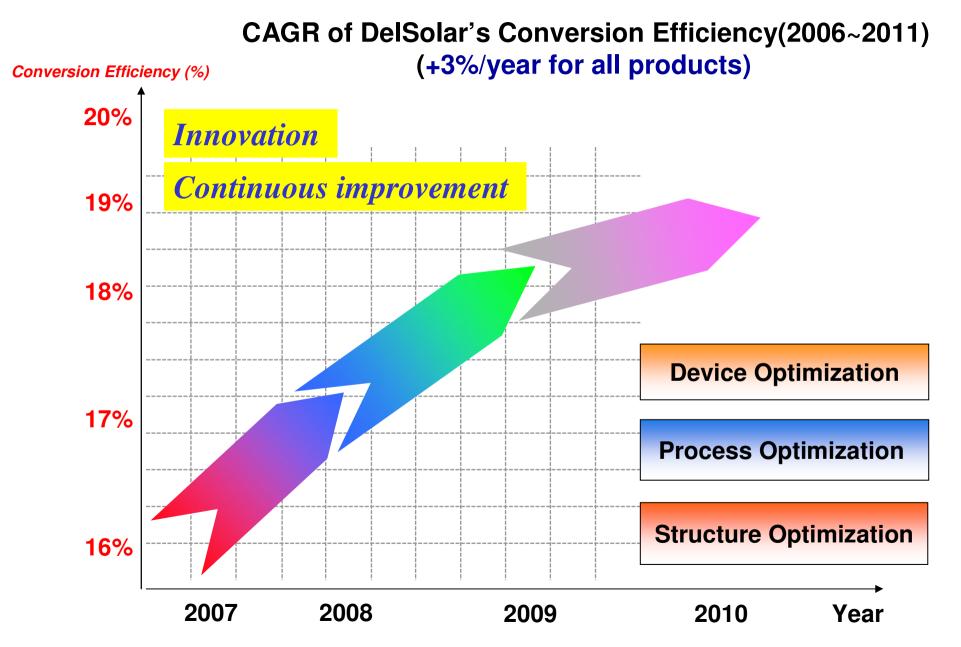
Source: Company data, Morgan Stanley Research (April 17, 2008)

DelSolar Business Strategy

To extend DelSolar's business to upstream and downstream sectors w/ two different approaches







Product: In-house Made PV Cells

- Mono- & Multi- Crystalline Si Based Cells
- Direct & Foundry Businesses

Cell Type	Cell Size (mm)	Efficiency (%)	Pmax (W)	lsc (A)	Voc (V)
	125×125	15.40~17.40	2.29~2.59	4.95~5.35	0.605~0.621
Mono	156×156	15.40~17.40	3.68~4.16	7.87~8.57	0.609~0.623
Multi	156×156	14.40~16.40	3.50~3.99	7.55~8.27	0.602~0.618

Product: PV Module/Panel

Product: Multi-Crystalline Module

D6P Series

Open Circuit Voltage Range:	36.00 V ~ 37.08 V
Maximum Power Voltage Range:	28.98 V ~ 30.78 V
 Short Circuit Current Range: 	7.62 A ~ 8.04 A
Maximum Power Current Range:	6.93 A ~ 7.48 A
Maximum Power Range:	200W (±3%) ~ 230W (±3%)

- Low maintenance junction box with diodes
- Performance warranty:

10 years: 90 % min. performance 25 years: 80% min. performance

Product guarantees for 5 years



Solar System Integration

DelSolar's PV Cells Seamlessly Integrated with Delta's Solar Inverter

Tainan Plant <u>21.6KW</u> PV System (w/Delta's Inverters)



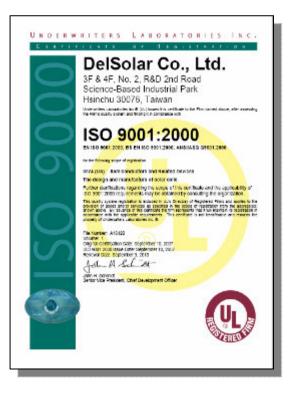
Kaohsiung Arena's <u>1MW</u> BIPV System (w/ Delta's Inverters & DelSolar's Cells)



DelSolar Full Quality Control & Operation Assurance

Certifications in:

- Quality Management System (ISO 9001)
- Environment Management System (ISO 14001)
- Health and Safety Management Systems (OHSAS 18001)







DelSolar DelSolar's Cell Manufacturing Strengths



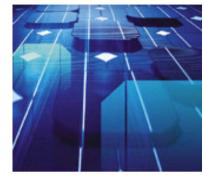
High efficiency cells
High yield & competitive cost
Ultra-thin wafer handling capability
Highly automated production processes



DelSolar, Your Best Partner!

- Excellent Track Records
- Cutting-edge Technologies & Manufacturing
- Product Performance Assurance
- Global Operations & Services
- Solid Financial Strength & Stability







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