

Sourcing Guide #2: What's Next in Electrical & Engineering? 採購指南 #2: 電氣與電子工程未來機遇

Hong Kong's electrical and engineering sector is entering a new era of efficiency, intelligence and innovation. Dive into our second guide for the latest industry trends, cutting-edge solutions and sourcing opportunities to fuel your next energy move.

香港的電氣與電子工程行業正邁向更高效、智能及創新的新時代。本指南將帶您了解行業最新趨勢、前沿解決方案及Build4Asia的採購機遇，助您馳騁能源領域，搶先踏出下一步。

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01 | MUST-KNOW MARKET TRENDS 必知市場趨勢

Key Technologies Influencing Sourcing Decisions 掌握關鍵技術，作出精準決策



Grid Technologies & Smart Meters 電網技術與智能電錶

Asia is the fastest-growing smart grid market globally, driven by heavy investments in grid upgrades and transmission expansion. Hong Kong utilities, including CLP and Hong Kong Electric, have been digitising electricity meters for millions of households, further accelerating smart grid adoption.

隨著電網升級與輸電擴建的大規模投資，亞洲已成為全球增長最快的智慧電網市場。香港的公用事業公司，包括中電與香港電燈，已為數百萬戶家庭的電錶實現數位化，進一步推動智慧電網發展。



Energy-Efficient MEP 節能機電

Smart city and sustainability policies are accelerating the adoption of advanced MEP solutions, such as smart lighting, HVAC controls, energy monitoring systems, etc. HKGBC's BEAM Plus certification program has registered 2,800+ projects, encouraging building upgrades to achieve 20 to 30% energy savings.

在智慧城市與可持續發展政策的推動下，智能機電解決方案如智慧照明、暖通空調控制及能源監控系統等正迅速普及。香港綠建築委員會的 BEAM Plus 認證計劃已有超過 2,800 個項目登記，透過建築機電系統升級，節省兩至三成的能源。



High-Performance Power Distribution 高性能配電

Rapid urban and infrastructure growth in Hong Kong and Greater Bay Area is driving demand for advanced power distribution products. By leveraging solutions such as GIS switchgear, transformers, protective relays and monitoring sensors, buyers can ensure reliable, high-performance energy delivery.

香港及大灣區的城市與基礎設施發展，帶動了對先進配電產品的需求。使用 GIS 開關設備、變壓器、保護繼電器以及監控感測器等方案，可確保穩定及高效的電能輸送。

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02 | WHY BUILD4ASIA 為何參觀

Focused Showcase and Learning Hub 針對買家需求，打造採購與學習平台

As part of Build4Asia, Asian Elenex – The 24th Asian International Electrical Engineering and Lighting Show provides direct access to leading brands and emerging technologies from around the world that truly respond to buyers' needs. More than just a technology showcase, the expo features educational conferences and high value networking opportunities, bringing together key industry stakeholders such as engineers, developers, facility managers and smart city specialists.

第二十四屆亞洲國際電氣電子工程及節能科技展覽會是 Build4Asia 的專屬展區，聚焦全球頂尖技術與創新品牌，精準回應買家需求。除了展示最新技術，展覽更設專業會議與高效聯商活動，讓工程師、開發人員、設施管理及智慧城市專家匯聚一堂，共商行業未來發展。

03 | FLAGSHIP INDUSTRY CONFERENCE 核心行業會議

Expert insights on today's challenges and opportunities 解鎖專家觀點，迎接挑戰與機遇

Co-organised with the Hong Kong Electrical Contractors' Association Limited, the Build4Asia conference, themed "Climate Change - Problems and Sustainable Solutions," invites policymakers and industry leaders to explore intelligent building solutions that reduce energy consumption and support climate action.

Build4Asia 會議由香港電器工程師協會協辦，主題為「響應式城市的工程創新：城市智慧與可持續發展」，邀請政府代表與行業領袖，共同探討智慧建築解決方案，助力降低能源消耗並響應氣候行動。

Featured Speakers 焦點講者：

- "Transformation and Technological Advancements for the Building & Construction Industry"
Mr Alex Ho, Director, Industry Development, Construction Industry Council (CIC)
- "Climate Resilient MEP Systems for Vertical Cities"
Ir Colin Chung, Global MEP Services Line Lead, Buildings+Cities, SJ Group
- Panel Discussion
Ir Antonio Chan, Chairman, The Hong Kong Federation of Electrical and Mechanical Contractors Limited (HKFEMC)
Ir Louis Lau, Chief Construction Manager, MTR / Chariman, HKIE-MMNC Division
Ir Colin Chung, Global MEP Services Line Lead, Buildings+Cities, SJ Group
Mr George YY Wong, Assistant Director, Industry Development, Construction Industry Council (CIC)

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04 | ON THE SHOW FLOOR 焦點展商

Strong line-up of exhibitors offering comprehensive solutions
強大參展商陣容，展示全方位解決方案

 <p>ATAL BUILDING SERVICES ENGINEERING LIMITED</p> <p>ATAL is a major provider of electrical and mechanical engineering solutions and ICT services for smart cities worldwide. Notable projects include E&M engineering for the Hong Kong-Zhuhai-Macau Bridge and intelligent building systems for Hong Kong Science Park.</p> <p>ATAL 是全球知名的智慧城市機電工程方案及資訊通訊技術服務供應商，代表項目包括港珠澳大橋的機電工程及香港科學園區的智慧建築系統。</p>	 <p>REC GREEN TECHNOLOGIES COMPANY LIMITED</p> <p>RGT is a leading energy solutions provider in Hong Kong, offering key products including Integrated Building Management Systems, Energy Monitoring Solutions, HVAC Energy Optimisation and more. Since its establishment, RGT has helped clients save over 4,630,381 kWh of energy.</p> <p>RGT 是香港領先的能源解決方案供應商，提供包括樓宇綜合管理系統、能源監控解決方案、暖通空調能源優化等產品。自成立以來，RGT 已幫助客戶節省超過 4,630,381 kWh 的能源。</p>
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 <p>SKY-TECH (I.T.) MANAGEMENT LIMITED</p> <p>Sky-tech helps enterprises embrace the age of artificial intelligence by offering energy-saving solutions, AIoT platforms and AI applications across commercial, workplace, retail and residential spaces.</p> <p>Sky-tech 為商業、工作場所、零售和住宅空間制訂能源策略，產品包括節能方案、AIoT 平台及 AI 應用程式等，幫助企業邁向人工智能時代。</p>	 <p>SUPERMOON LIMITED</p> <p>As the leading electrical material distributor in Hong Kong and Macau, Supermoon will introduce two high-demand brands at Build4Asia: Crown PVC Conduits and Eaton Busduct Systems, addressing modern electrical needs.</p> <p>Supermoon 是香港及澳門領先的電氣材料分銷商，將在 Build4Asia 展示兩大品牌：Crown PVC 導管與 Eaton 母線槽系統，滿足現代電氣工程的多元需求。</p>
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[Check out our exhibitor list](#)
[瀏覽參展商目錄](#)

05 | INDUSTRY NEWS 行業快訊

Keep up to date with market dynamics 掌握市場動態

Smart meters, now installed in 90% of residential households supplied by CLP Power, are available for application by landlords and operators of subdivided flats starting from 1 March. This marks another step in optimising energy use and advancing toward carbon neutrality by 2050.

現時在中電供電的住宅戶中，已有 90% 安裝了智能電錶。自 3 月 1 日起，分間單位的業主及經營者亦可申請安裝智能電錶，顯示香港在優化能源管理與實現 2050 年碳中和目標上的持續進展。



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Organiser:



Informa Markets
17/F, China Resources Building,
26 Harbour Road, Wanchai,
Hong Kong
+852 3709 4583
visit@Build4Asia.com

