

ARCHITECTURAL SOLAR Advantages

Lighting - WIFI Hotspots - Security - CCTV - Device Charging
Communications Irrigation - Water Pumps - Warning Systems
Weather Stations - Community Power - PA's - TV - Events

SYSTEM SUMMARY INFORMATION

USA Manufactured

Solar powered columns and bollards
1m (3ft) up to 8.6m (28 ft) options available
Glassless shatter proof solar panels
High impact resistance
Non static solar panels reduces dust build up
Full 10 years warranty

Architectural Anodised

Two Step Architecturally anodise finish
Available in Black, Clear, Bronze and Gold
Pole and bollard heads are anodised
(No powdercoating)

Performance Capture

Produces Smart city information
including tracking system
performance through data logged
information

LIFEPO4 Lithium phosphate Battery

With a operating performance between
-20 to + 70 degrees C
Engineered by Valen Energy for their products
in conjunction with a major university
A battery management system (BMS) which
optimises each battery's charging and
discharging criteria

Light Weight Aluminium

With an advantage of being 3 x lighter than
steel, the ease of installation is a major
advantage. This is complete with an anodised
finish, which has been proven to last up to
5 x longer than conventional steel poles.

Glassless Solar Panels

Our architectural solar range incorporates
patented shatter proof glass- less Solar
panels. The high efficiency strong
encapsulant coating offers an extreme
vandal resistance as well as maximising
energy production on a vertical axis.

Architectural Finish

With an Architecturally inspired design,
the seamless panels provide a unique finish
unlike anything else on the market.

Advanced System Management

Inbuilt based control system that protects
the entire systems as well as adapting to
local environmental conditions through
Valens advanced logic adaptive technology.

Internal Seamless Anchor

Internal anchor sleeve, seamless
Architectural look without external
anchors. Unique system which hides the
anchors internally to the pole
(direct bury available)



INDUSTRY LEADING



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