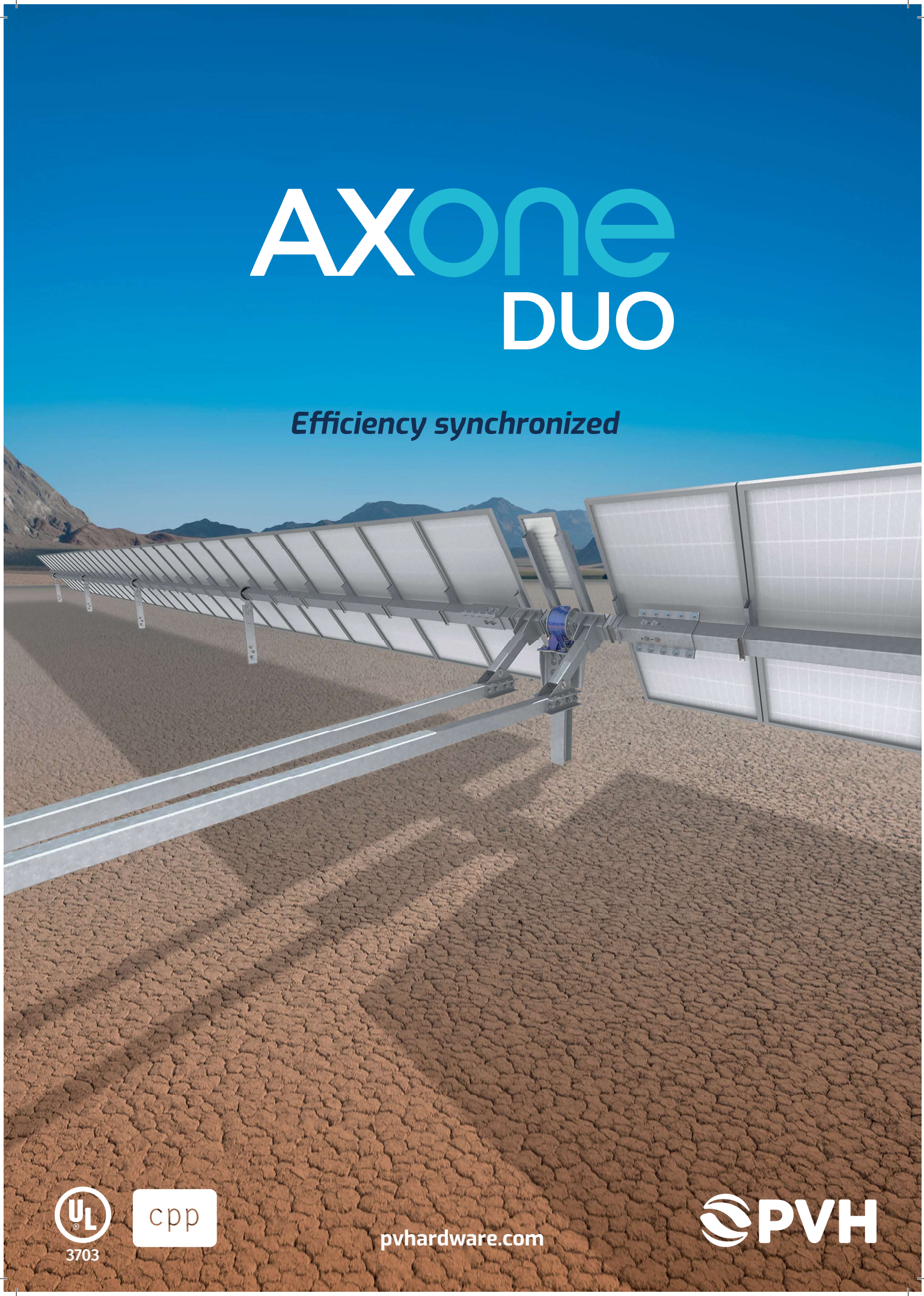
AXone DUO

Efficiency synchronized



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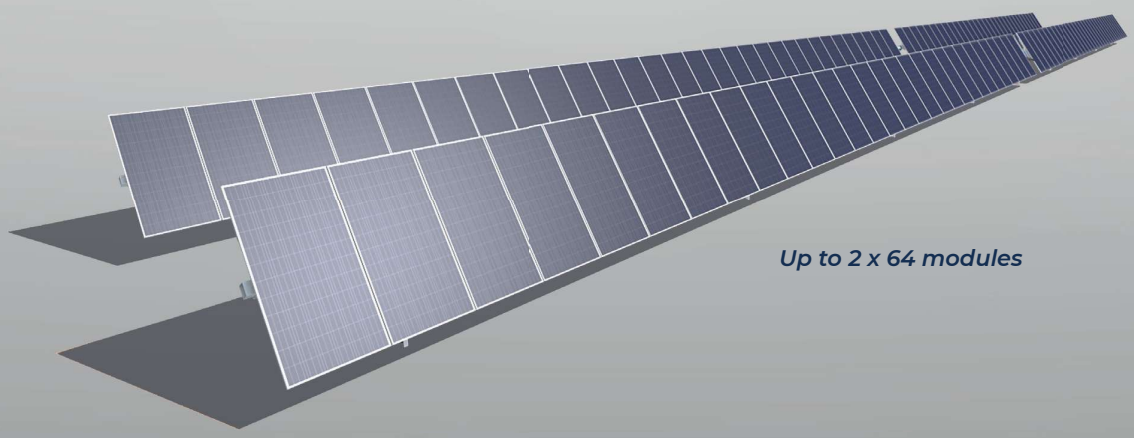
AXone DUO

STRUCTURAL & MECHANICAL SPECIFICATIONS

Tracker	*Horizontal single-axis with central driveline architecture in dual row*
Rotational range	*+/-60º*
Drive	*Gear Drive Arm Screw*
Motor	*DC Motor*
Motors per MWp (390 Wp modules)	*Approx. 14.25*
Ground coverage ratio	*30-50%, depending on configuration*
Modules supported	*All market available modules, including thin film*
Slope tolerances	*N-S: up to 14%, E-W: unlimited*
Module configuration	*1 module in portrait / 2 modules in landscape*
Module attachment	*Direct mount to panel rail (configurable for clamps)*
Structural materials	*Magnelis / Hot-dipped galvanized steel per ASTM A123 or ISO 1461*
Allowable wind load	*Tailored to site specific conditions up to 120 mph/193 kph*
Grounding system	*Self-grounded via serrated fixation hardware*
Storm alarm for high winds	*Yes, stow position in up to 5 minutes*
Wind speed sensors	*Ultrasonic anemometer*
Solar tracking method	*Astronomical algorithm with GPS input*
Controller Electronics	*Central control unit manages up to 200 trackers through serial (rs485) or wireless communication*
SCADA interface	*Modbus TCP*
Nighttime stow	*Yes, configurable*
Backtracking	*Yes*
In-field manufacturing	*No*
On-site training and commissioning	*Yes, included in tracker supply*
Standard warranties	*Structure: 10 years. Electromechanical components: 5 years*
Certifications	*UL3703, IEC 62817*
Structural adaptation to local codes	*Yes, verified by third-party structural engineers if required*

WIND TUNNEL TEST CERTIFIED
FLUTTER FREE
PVH
WIND TUNNEL TEST CERTIFIED



Up to 2 x 64 modules

UL 3703

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