LISHUI E-ABLE POWER EQUIPMENT CO., LTD
No.368 Chengbei Road, Liandu District, Lishui, Zhejiang, China
www.e-ablepower.com | sales@e-ablepower.com | WhatsApp +86 153 5558 9600

SOLARWRAP / VERTICAL SOLAR MODULE

# SolarWrap HEXA-15036

Foldable polygonal vertical module · 6-sided



## WHY VERTICAL — six things that matter on site

**Folds flat.** The panel ships folded and opens round the pole on site — packed volume is roughly half of a rigid module.

**Self-cleaning face.** Rain sheets dust and sand off a vertical surface; no scheduled washing on dusty corridors.

**Side count sets the fit.** Six sides for slim poles up to twelve for large masts; the buckle set matches the side count.

**360° capture.** The polygon wraps the pole, so light is collected on every face through the day.

**Low wind load.** A slim polygon sheds gust load instead of levering it.

**Modular stack.** Further sections slide down the same pole to raise array power.

## TYPICAL CONFIGURATIONS

A / MODULE ONLY
**Retrofit an existing pole**
Panel plus MPPT controller feeding the luminaire already in place.

B / MODULE + BATTERY
**Pole with battery cylinder**
LiFePO4 cylinder inside the pole, controller in the luminaire.

C / MODULE + LIGHT HEAD
**Complete solar light**
Panels, battery and LED head supplied as one system.

## AT A GLANCE

| | |
|---|---|
| Model | HEXA-15036 |
| Format | 6-sided foldable polygon |
| Rated power (Pmax) | 150 W |
| Dimensions | 1560 × 250 × 196 mm |
| Voltage at Pmax (Vmp) | 36 V |
| Max. pole diameter | ≤ 140 mm |
| Warranty | 3 years |

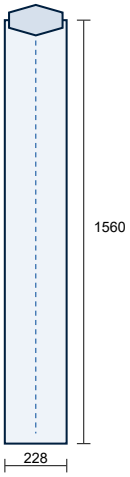
Packed volume is roughly half of a rigid module of the same power. Buckle set supplied to match the side count.

E-AblePower Technology

**LISHUI E-ABLE POWER EQUIPMENT CO., LTD**
No.368 Chengbei Road, Liandu District, Lishui, Zhejiang, China
www.e-ablepower.com | sales@e-ablepower.com | WhatsApp +86 153 5558 9600

TECHNICAL DATA

# SolarWrap HEXA-15036 — the range and the build




Outline principle (mm)

## SHARED CONSTRUCTION

| | |
|---|---|
| Cell | MONO, made in Taiwan |
| Front glass | High-strength tempered glass |
| Mechanical load | Front 5400 Pa / back 2400 Pa |
| Ingress protection | IP66 |
| Cable / connector | 2.5 mm², Universal MC4 |
| Operating temperature | −20 °C to +70 °C |
| Expected lifetime | > 20 years |
| Warranty | 3 years |

## THE RANGE

| Model | Format | Pmax | Dimensions (mm) | Vmp | Pole Ø | Warranty |
|---|---|---|---|---|---|---|
| **HEXA-15036** | **6 sides** | **150 W** | **1560 × 250 × 196** | **36 V** | **≤ 140 mm** | **3 yr** |
| OCTA-20036 | 8 sides | 200 W | 1560 × 290 × 270 | 36 V | ≤ 190 mm | 3 yr |
| OCTA-25036 | 10 sides | 250 W | 1560 × 360 × 340 | 36 V | ≤ 260 mm | 3 yr |
| DODE-30036 | 12 sides | 300 W | 1560 × 425 × 410 | 36 V | ≤ 330 mm | 3 yr |

## APPLICATIONS

**Street & area lighting** — new poles or retrofit of grid-tied poles.

**Garden & park lighting** — where flat panels are not permitted.

**CCTV & monitoring masts** — power for cameras and radio links.

**Road signs & signal centres** — off-grid beacons and warning lights.

IP66 | IEC 60598-2-3 WIND TEST | MC4 | LIFETIME >20 YR

Notes. 1) Model code and power follow the 2026 price list (36 V); confirm the voltage class on the order. 2) The transport clips are not spare parts. 3) MPPT controller required. 4) CE / EMC documentation is not claimed on this sheet. 5) Voc / Isc for the 36 V generation on request.