LISHUI E-ABLE POWER EQUIPMENT CO., LTD
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SOLARWRAP / VERTICAL SOLAR MODULE

SolarWrap DODE-30036

Foldable polygonal vertical module · 12-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

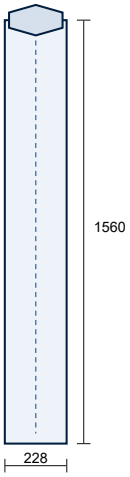
Model	DODE-30036
Format	12-sided foldable polygon
Rated power (Pmax)	300 W
Dimensions	1560 × 425 × 410 mm
Voltage at Pmax (Vmp)	36 V
Max. pole diameter	≤ 330 mm
Warranty	3 years

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

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TECHNICAL DATA

SolarWrap DODE-30036 — 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.