



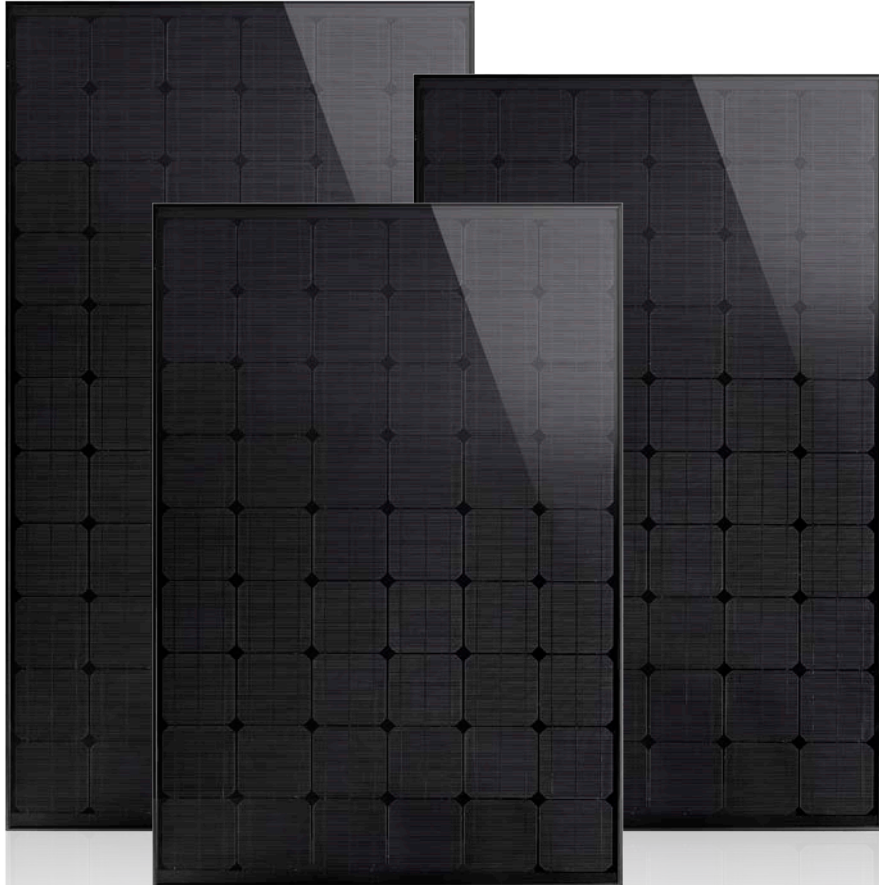
PERLIGHT SOLAR DELTA SERIES

4th Generation Module Series • Triple Black

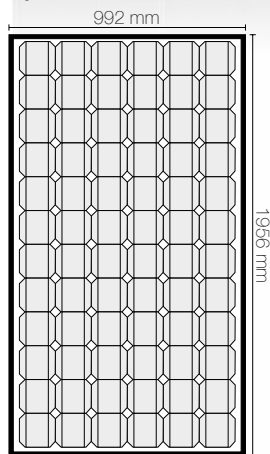
Models available:

- 54 Cell 250w • 255w
- 60 Cell 250w • 285w • 300w
- 72 Cell 300w • 330w

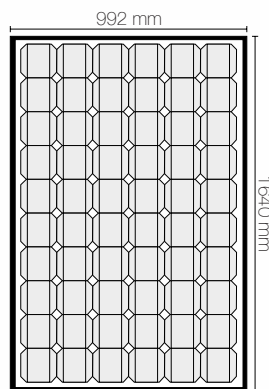
Reliability • Creativity • Affordability



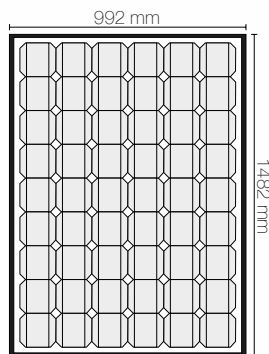
Specifications



PLM-300M-72 Series
Weight: 23.6kg



PLM-285M-60 Series
Weight: 18.1kg



PLM-250M-54 Series
Weight: 16.5kg

Truly All Black
Monocrystalline
Available as **Standard**
or **SMART** module

Tigo®

SMART Optimisation Benefits

- Unrivalled bankability
- Smart curve, enables 30% longer strings
- Module-level monitoring, reduced O&M and commissioning costs
- Increased energy harvest and system uptime for proven ROI
- Approved by all major inverter manufacturers

Validated Production Improvement

- Unshaded = 3.2%
- Pole Shade = 20.8%
- Horizontal Shade = 36.8%

PERC

Passivated Emitter Rear Cell Technology

- MCS certified
- Positive output tolerance
- Fire safety certified
- PID-free certified
- Ammonia corrosion resistance certified
- Salt mist corrosion resistance certified
- Wide power range available
- Worldwide accreditation

Westech Quality Guarantee

- Quality Guaranteed
- 12 Year Workmanship Warranty
- 25 Year Output Performance Warranty
- >90% Output for 12 Years
- >80% Output for 25 Years
- Over 30 Years Manufacturing Experience

Approved by:



MANUFACTURING BASE

Perlight Solar Co., Ltd
Muyu Administration District
Wenling
Zhejiang, 317521, China
+86 (0) 576 8647 7290
Jenny.uk@perlight.com

GLOBAL MARKETING CENTRE

Perlight Solar Co., Ltd
E# 14th floor, 58 Xinjingjiao Rd
PuDong District
Shanghai, 200129, China
+86 (0) 21 6105 2372
enquiry@perlight.com

EU SALES AND CUSTOMER CENTRE

Westech Solar (UK) Ltd
Unit 1, Bobby Fryer Close,
Garsington Rd
Oxford, OX4 6ZN, UK
+44 (0)1865 682 584
info@westech-solar.co.uk



PERLIGHT



Westech

Module Options
Conventional Module or TIGO Optimised **SMART** Module

- Extremely reliable screw-less, interconnected frame for long-term flexibility and strength.
- 20 in-built drainage waterpouts.
- 8 mounting holes for direct mounting option.
- 2 earth (Ground) points



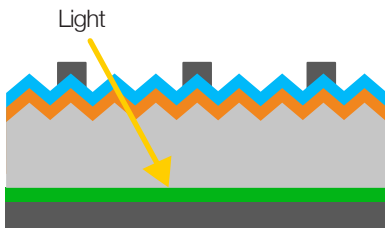
TIGO Optimised SMART Module Benefits

- Unparalleled design flexibility
- Enhanced energy yield
- Shade and age tolerance
- Faster installation
- Works with all inverters



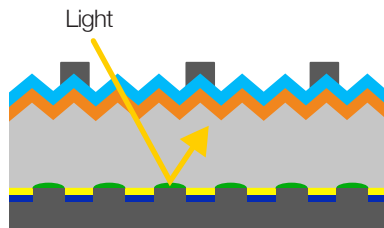
PERC Passivated Emitter Rear Cell Technology

Conventional Cell



For conventional cells, some light energy is wasted and is absorbed by the back of the cell.

PERC Cell



PERC cells make use of this wasted light energy, reflecting it back up, resulting in additional power.

Manage your PV array, no matter how big or small, Tigo gives system owners unprecedented visibility into module performance.

System analytics track production, send alerts and proactively suggest maintenance actions to keep systems operating at maximum efficiency and uptime.

Increased safety, the monitoring portal can remotely power-off each module individually, eliminating high voltage for maintenance or safety purposes.

	Electrical Characteristics						Temperature Coefficient (%/°C)			
	Wp	Vmp	Imp	Voc	Isc	NOCT	Pmax	Voc	Isc	Vmp
54 Cell	250	28.74	8.7	34.61	9.22	45+/-2	-0.45	-0.34	0.06	-0.4
	255	28.89	8.83	35.15	9.42					
60 Cell	250	30.5	8.2	38	8.78	45+/-2	-0.45	-0.34	0.06	-0.4
	285	32.5	8.77	39.35	9.32					
	300	32.97	9.1	40.05	9.61					
72 Cell	300	36.59	8.2	45.6	8.78	45+/-2	-0.45	-0.34	0.06	-0.4
	320	37.79	8.47	46.01	8.97					
	330	38.16	8.65	46.46	9.16					

Power Tolerance	-0/+3%
Working Temperature	-40°C to 85°C
Max. System Voltage	1000VDC
Wind Rating	5400Pa
Hail Resistance	25mm @ 80km/h
Max. Fuse Rating	15 Amp

- ✓ IEC61730 safety rated for high wind pressure, hail impact, snow load and fire.
- ✓ Certified against Salt mist corrosion for coastal areas.
- ✓ Certified against Ammonia corrosion for agricultural installations.
- ✓ Produced in an environmentally friendly ISO 9001, OHSAS 18001 and ISO 14000 certified manufacturing facility, which has been utilizing an onsite 360kW Perlight Solar system since 2006.

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