

UNIVERSAL  
ENERGY

[www.universalenergy.com.cn](http://www.universalenergy.com.cn)



*UNIVERSAL ENERGY*

*2010*

*PRODUCTS CATALOGUE*

*Confidence, Reliability, Experience*



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## *UNIVERSAL ENERGY*

Universal Energy is 100% owned by the Solar Electric Group – a privately held, French registered company. Established in 2003, Solar Electric has built a strong, well respected system integration company capable of delivering turnkey renewable energy solutions.

Manufacturer of crystalline photovoltaic modules - our modules are constructed with internationally recognised raw materials with power ranging from 60 to 250 Wp, which are suitable for grid connected and stand alone systems

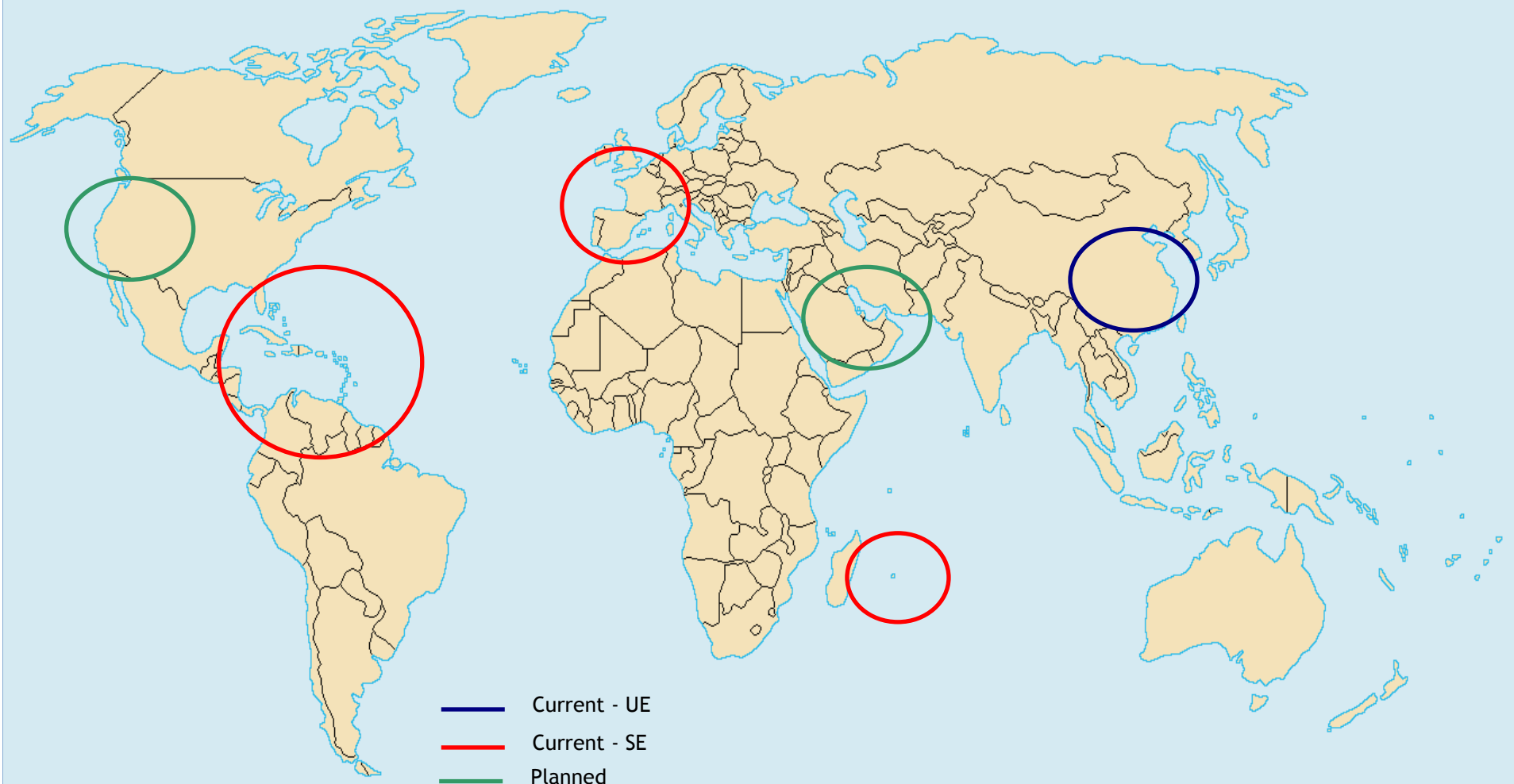
We believe our experience in manufacturing, system integration, raw material selection and warranty covered by our French parent company is of great value.

Further details on our group and products can be found on our website ([www.universalenergy.com.cn](http://www.universalenergy.com.cn)).



# Group – French Company with a global presence

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Confidence, Reliability, Experience



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## ***Process – what have we created?***

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1. Universal Energy – Manufacturing
2. Solar Electric – Distribution
3. Solar Electric – Integration
4. Solar Electric – Energy Production





PANEL	TYPE	SIZE	EFFICIENCY IN W/M2	POWER CLASS	TUV	ADVANTAGES
<b>UEP2</b>	Poly-crystalline	Large: 0.99M long: 1,66M	140 Wp /M2	210 Wp to 225 Wp	IEC61215 IEC61730	Adapted to Roof top and solar farm installations
<b>UEP230</b>	Poly-crystalline	Large: 0.99M long: 1,66M	146 Wp /M2	220 Wp to 240 Wp	IEC61215 IEC61730	High efficiency Adapted to Roof top and solar farm installations
<b>UEM185</b>	Mono-crystalline	Large: 0,8 M long: 1,58M	149 Wp /M2	175Wp to 190Wp	IEC61215 IEC61730	Available in black: look better on a roof Adapted for grid connected solar kit High efficiency Adapted to Roof top and solar farm installations
<b>UEM240</b>	Mono-crystalline	Large: 0.99M long: 1,66M	152 Wp /M2	230Wp to 250Wp	IEC61215 IEC61730	High efficiency Adapted to Roof top and solar farm installations





## **UEP220**

Type of Cells: Poly-crystalline 6 inch

Power class available : 210 W<sub>p</sub>, 215W<sub>p</sub>, 220W<sub>p</sub>, 225W<sub>p</sub>

Number of cells: 60

### **Warranty on energy production**

Power output 90% minimum: 10 years

Power output 80% minimum : 25 years

Manufacturer warranty: 10 years





## UEP230

Type of Cells: Poly-crystalline 6 inch

Power class available : 210 W<sub>p</sub>, 220W<sub>p</sub>, 230W<sub>p</sub>

Number of cells: 60

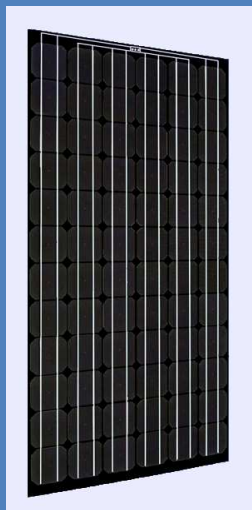
### **Warranty on energy production**

Power output 90% minimum: 10 years

Power output 80% minimum : 25years

Manufacturer warranty: 10 years





## **UE M185 HR**

Type of Cells : Mono-crystalline 5 inch

Power class available: 175Wp, 180Wp, 185 Wp, 190Wp

Number of cells : 72

### **Warranty on energy production**

Power output 90% minimum: 10 years

Power output 80% minimum : 25years

Manufacturer warranty: 10 years





## **UE M240 HR**

Type of Cells: Mono-crystalline 6 inch

Power class available: 230Wp, 240Wp, 250Wp

Number of cells : 60

### **Warranty on energy production**

Power output 90% minimum: 10 years

Power output 80% minimum : 25years

Manufacturer warranty: 10 years



# Price List PV Modules as of January 2010

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PRODUCT	PRICE (EUR/Wp) FOB NANJING 1CTN	POWER RANGE (WP)	MODULE EFFICIENCY IN W/M2	CELLS SIZE	NUMBER OF CELLS
M185 HR	1.55	170-175-180-185-190	+/- 149 W/m2	125x125mm	72
P220/230	1.55	215-220-225-230 -235	+/- 146 W/m2	156x156mm	60
PRODUCT	PRICE (EUR/Wp) FOB NANJING <1MW	POWER RANGE (WP)	MODULE EFFICIENCY IN W/M2	CELLS SIZE	NUMBER OF CELLS
M185 HR	1.45	170-175-180-185-190	+/- 149 W/m2	125x125mm	72
P220/230	1.45	215-220-225-230 -235	+/- 146 W/m2	156x156mm	60
PRODUCT	PRICE (EUR/Wp) FOB NANJING >1MW, <5MW	POWER RANGE (WP)	MODULE EFFICIENCY IN W/M2	CELLS SIZE	NUMBER OF CELLS
M185 HR	1.40	170-175-180-185-190	+/- 149 W/m2	125x125mm	72
P220/230	1.40	215-220-225-230 -235	+/- 146 W/m2	156x156mm	60
PRODUCT	PRICE (EUR/Wp) FOB NANJING >5MW, <10MW	POWER RANGE (WP)	MODULE EFFICIENCY IN W/M2	CELLS SIZE	NUMBER OF CELLS
M185 HR	1.35	170-175-180-185-190	+/- 149 W/m2	125x125mm	72
P220/230	1.35	215-220-225-230 -235	+/- 146 W/m2	156x156mm	60



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## 1. Product and Process

- ✓ Strict material selection
- ✓ Tight process quality control

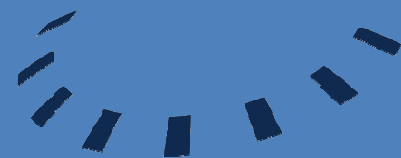
## 2. Experience

- ✓ Manufacturing
- ✓ Integration
- ✓ Power generation

## 3. Warranty

- ✓ Guaranteed by French parent company





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THANK YOU

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