

Mesoamerican Business

¿Quienes somos?

Mesoamerican Business es una compañía dedicada a desarrollar nuevas tecnologías en las áreas de: Energía, Telecom and Redes IP.



Es nuestra preocupación que cada producto que vendemos lleva el sello de satisfacción de nuestros clientes, prestigio y calidad que nuestra empresa representa.

¿Que Ofrecemos?

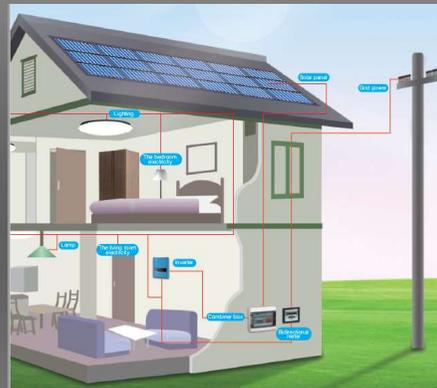
Sistemas de Energía Solar para que tu factura eléctrica sea cero y paga el Sistema de Energía Solar por 6 años con lo que actualmente pagas mensualmente de electricidad. Con una planta de energía solar vendes energía.

Iluminación LED para que tu consumo de energía eléctrica baje a la mitad y con el ahorro que obtienes pagues en 6 años las lámparas LED.

Iluminación SOLAR LED para que tu factura eléctrica sea cero y pagues la Iluminación Solar LED con lo que actualmente pagas mensualmente de electricidad en 6 años.

SISTEMA SOLAR RESIDENCIAL / COMERCIAL (COMPONENTES)

10KW ON Grid Solar System					
No.	Item	Specification	Warranty	Photo	Quantity
1	Poly Solar Panel	Rated Power : 250W Vmp : 30.5V Imp : 8.19A	25 years		40



2	On grid Inverter	Rated Power 10kw 1Phase 1MPPT IP65 transformerless 10000 TL-US	10years		1
3	Mounting Bracket	Aluminum For Pitched Roof	10years		1set

4	PV Cable	4mm ²	20years		200meters
5	MC4 Compatible Connector		10years		20

SISTEMA SOLAR RESIDENCIAL / COMERCIAL (Precio de Referencia)

Solar Energy System	Recommended for KWH per month	Area m2	Price included VAT	Recovery money in years	Installation Price	Quantity of solar panels	Total Price
2KW	320	18.30	\$4,022.18	5.8	\$442.44	8	\$4,464.62
2.8KW	480	27.44	\$5,727.50	5.5	\$630.03	12	\$6,357.53
3.6KW	560	32.02	\$7,083.88	5.9	\$779.23	14	\$7,863.11
4KW	640	36.59	\$7,953.23	5.8	\$874.86	16	\$8,828.09
5KW	800	45.74	\$9,232.18	5.4	\$1,015.54	20	\$10,247.72
6KW	960	54.89	\$10,731.17	5.2	\$1,180.43	24	\$11,911.60
8KW	1280	73.18	\$13,367.74	4.9	\$1,470.45	32	\$14,838.20
9KW	1440	82.33	\$15,094.45	4.9	\$1,660.39	36	\$16,754.84
10KW	1600	91.48	\$16,767.39	4.9	\$1,844.41	40	\$18,611.80
11KW	1760	100.62	\$18,086.64	4.8	\$1,989.53	44	\$20,076.17

El cliente paga lo que actualmente paga en su factura de energía eléctrica por 6 años para pagar el sistema de energía solar. Mesoamerican Business ofrece dos métodos de pago:

- 1) Pago del 100%
- 2) Leasing

PLANTA DE ENERGÍA SOLAR (COMPONENTES)

No.	Item	Specification	Warranty	Photo	Quantity
1	Poly Solar Panel	Rated Max Power: 250W Max Power Voltage: 30.5V Max Power Current: 8.19A	25 years		4000 pcs
2	Grid Tie Inverter	Rated Power: 1000KW AC Output: 315Vac Frequency: 50Hz/60Hz	10years		1 set
3	Mounting Bracket	Galvanized Steel Bracket For Ground	15years		1 set
4	PV array combiner box	10input 1output	10years		20 sets

5	PV Cable	4mm ²	20years		8000 meters
6	MC4 Compatible Connector	30A / 1000V DC	10years		1200 pairs

7	Transformer	1250kva output voltage 11-13.6KV	3years		1 sets
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PLANTA DE ENERGÍA SOLAR (Precio de Referencia, la tierra no está incluida)

Investment 1MW			
Description	Qt	Price	
Solar Energy System Components	1	\$1,150,500.00	
Freight	6	\$30,000.00	
<u>NOC</u> Building	1	\$37,500.00	
Civil Works	1	\$38,217.10	
Electrical Transformer System	1	\$38,250.00	
Installation and Put in Service	1	\$82,500.00	
Operation and Maintenance	1	\$90,346.15	
Vehicules, Tools and Equipment	1	\$62,500.00	
<u>Gran Total</u>		\$1,529,813.25	

Investment 3MW Solar Energy Plant			
Description	Qt	Price	
Solar Energy Components	3	\$3,451,500.00	
Freight	18	\$90,000.00	
<u>NOC</u> Building and Warehouse	1	\$37,500.00	
Civil Work	1	\$114,651.29	
Electrical Transformer System	3	\$114,750.00	
Installation and Put in Service	1	\$250,000.00	
Operation and <u>Maintenante</u>	1	\$121,846.15	
Vehicles, Tools and Equipment	1	\$62,500.00	
<u>Gran Total</u>		\$4,242,747.44	

PLANTA DE ENERGÍA SOLAR (Ingresos Estimados)

Solar Energy Plant 1MW		
Capacity	1	Mwatts
Radiation	6.04	KWH/m ² /day
Days per month	30	days
Solar Panel Efficient	15.40%	
Quantity of Panels	4000	Unit
Panels Area	6567	m ²
Lost in the system	14.00%	
Monthly Generation	157,595.71	KWH/month
Annual Generation	1,891,148.48	KWH/year
Sell Price per KWH	0.14	Q/KWH
Monthly Incoming	22,063.40	USD
Year Incoming	264,760.79	USD
Recovery Investment	6.3	Years

Solar Energy Plant 3 MW		
Capacity	3	Mwatts
Radiation	6.04	KWH/m ² /day
Days per month	30	days
Solar Panel Efficient	15.40%	
Quantity of Panels	12000	
Panels Area	19701	m ²
Lost in the system	14.00%	
Monthly Generation	472,787.12	KWH/month
Annual Generation	5,673,445.44	KWH/year
Sell Price per KWH	0.14	USD/KWH
Monthly Incoming	66,190.20	USD
Year Incoming	794,282.36	USD
Recovery Investment	5.3	Years

ILUMINACIÓN LED PRECIOS DE REFERENCIA

MENOS DE 100 LAMPARAS		
CAPACIDAD (W)	PRECIO VENTA UNITARIO (US\$)	PRECIO DE VENTA UNITARIO (Q)
30	245.568	1915.43
40	263.94	2058.74
50	283.728	2214.98
60	313.02	2441.52
90	495.984	3868.68

100 Y 200 LAMPARAS		
CAPACIDAD (W)	PRECIO VENTA UNITARIO (US\$)	PRECIO DE VENTA UNITARIO (Q)
30	225.104	1755.81
40	241.945	1887.18
50	260.084	2030.40
60	286.935	2238.06
90	454.652	3546.29

1000 LAMPARAS		
CAPACIDAD (W)	PRECIO VENTA UNITARIO (US\$)	PRECIO DE VENTA UNITARIO (Q)
30	204.64	1596.19
40	219.95	1715.62
50	236.44	1845.82
60	260.85	2034.60
90	413.32	3223.90

ILUMINACIÓN SOLAR LED COMPONENTES



Integrated Solar Street Lamp

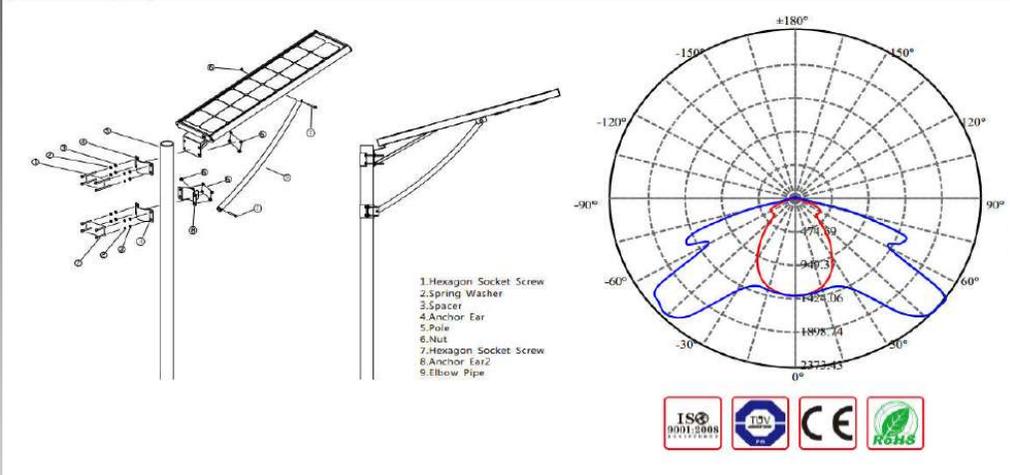
Name	Parameter	Name	Parameter
Model	40W	Lumen (LM)	4000-4400
Solar module	18V-60W (high efficiency monocrystalline silicon)	Working hours	10-12hours , 3-7rainy days
Battery type	High efficiency lithium LiFePO4 battery12V24AH	Working temperature	-25°C~ 70°C
Light source	40W USA Bridgelux	Protection level	IP 65
Color temperature	6500-7000K	Mounting height	7-8m
Product size	1126*325*44mm	Package size	1180*390*210mm
Net weight	16.1Kg	Gross Weight	18.5Kg

Product Resolution Schematic >>>

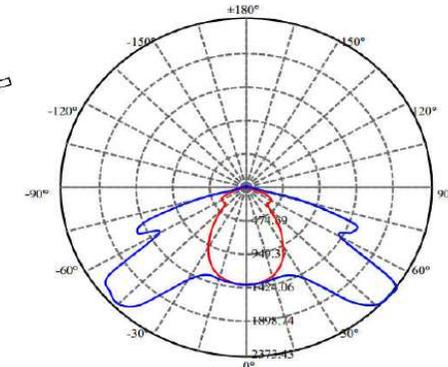


Without PIR Motion Sensor

With PIR Motion Sensor



1.Hexagon Socket Screw
2.Spring Washer
3.Spacer
4.Anchor Ear
5.Pole
6.Nut
7.Hexagon Socket Screw
8.Anchor Ear2
9.Elbow Pipe



ISO 9001:2008
10V
CE
RoHS

ILUMINACIÓN SOLAR LED PRECIOS DE REFERENCIA

MENOS DE 100 LAMPARAS		
CAPACIDAD (W)	PRECIO VENTA UNITARIO (US\$)	PRECIO DE VENTA UNITARIO (Q)
30	638.688	4981.76
40	783.84	6113.95
50	933.936	7284.66
60	968.58	7554.89
90	1503.492	11727.20

100 Y 200 LAMPARAS		
CAPACIDAD (W)	PRECIO VENTA UNITARIO (US\$)	PRECIO DE VENTA UNITARIO (Q)
30	585.464	4566.62
40	718.52	5604.46
50	856.108	6677.61
60	887.865	6925.31
90	1378.201	10749.94

1000 LAMPARAS		
CAPACIDAD (W)	PRECIO VENTA UNITARIO (US\$)	PRECIO DE VENTA UNITARIO (Q)
30	532.24	4151.47
40	653.2	5094.96
50	778.28	6070.55
60	807.15	6295.74
90	1252.91	9772.67

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