



# Zytech Kits

Energy Solutions for any need

[www.zytech.es](http://www.zytech.es)



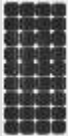




Spanish Quality. Best Prices.

The Zytech Kits are **easy, complete and modular** solutions to deliver energy in remote places where electricity is not available, expensive or not very reliable.

Zytech, as a Spanish manufacturer, specialized in offering solutions for distributors, warehouses and installers, offers a complete assortment of solution Kits in renewable energies.



Our Kits are composed of components conforming to standards of **high reliability, minimal maintenance and durability**.

	<p><b>Zytech Photovoltaic Modules</b></p> <p>Photovoltaic Zytech Module. Solar panel of high efficiency. Range from 70 to 240 KW.</p>
	<p><b>Charge Controller</b></p> <p>Sophisticated controller with outstanding characteristics. Perfect PWM control.</p>
	<p><b>Inverter</b></p> <p>State-of-the-art inverters ensure maximum reliability. Cost-effective efficiency.</p>
	<p><b>Battery</b></p> <p>Lead acid open battery. Monoblock or 2V modular battery system.</p>
	<p><b>Support Structure</b></p> <p>Anodized Aluminium structure. Adaptable: tilt or flat.</p>

Assorted sizes of kits make them fit perfectly for off-grid installations as small as the ones in caravans, and as big as providing energy for a rural house, or even a village due to its modular construction.

# OFF-GRID PHOTOVOLTAIC SYSTEMS ZYTECH



## Full time use off-grid kits\*

<b>Kit 50 W - UD</b>		3 bulbs (11 W-2h/unit), radio (5 W-3,5h/unit), mobile Ph.	
	Module	50 W x 1 - 12 V	
	Charge Controller	5 A	
	Battery	80 Ah - 12 V	
	Inverter	150 W - 12 V	
	Support Structure	Anodized Aluminium	
<b>Kit 130 W - UD</b>		4 bulbs (11 W-2h/unit), radio (5W-4h/unit), TV (50 W-2h), mobile Ph.	
	Module	65 W x 2 - 12 V	
	Charge Controller	8 A	
	Battery	150 Ah - 12 V	
	Inverter	150 W - 12 V	
	Support Structure	Anodized Aluminium	
<b>Kit 200 W - UD</b>		4 bulbs (11 W-3h/unit), radio (5 W-4h/unit), TV (50 W-3h), mobile Ph.	
	Module	50 W x 4 - 12 V	
	Charge Controller	8 A	
	Battery	200 Ah - 6 V x 4	
	Inverter	300 W - 24 V	
	Support Structure	Anodized Aluminium	
<b>Kit 390 W - UD</b>		4 bulbs (20 W-2h/unit), 6 bulbs (11 W-2h/unit), radio (5 W-4h/unit), TV (50 W-3h), computer, mobile Ph.	
	Module	65 W x 6 - 12 V	
	Charge Controller	15 A	
	Battery	300 Ah - 6 V x 4	
	Inverter	600 W - 24 V	
	Support Structure	Anodized Aluminium	
<b>Kit 510 W - UD</b>		1 fridge (75 W-450 Wh/day), 4 lights of 11 W (4h/unit) radio (5 W-4h/unit), TV (50 W-5h), computer (100 W-1h)	
	Module	65 W x 8 - 12 V	
	Charge Controller	30 A	
	Battery	400 Ah - 2 V x 12	
	Inverter	1000 W	
	Support Structure	Anodized Aluminium	




\* Solar kits calculated for a location with a total solar irradiation of 1644 kWh/m<sup>2</sup> per year. The kits are able to assure the energy production to supply the loads listed at each kit every day from the months March/April - October on multiple-year irradiation averages. Modules have to be tilted at 50 degrees and oriented south in the northern hemisphere and north in the southern hemisphere.

In order to know the productions at any other conditions, please contact Zytech.

Photovoltaic array of the kits has to be tilted to the optimal angle of the lesser irradiated months of the year, and oriented accordingly north or south depending on latitude of the installation location.

The size of the kits depends on the energy required to be supplied for each.

## Weekend-use off-grid kits\*

<b>Kit 50 W - FD</b>		4 bulbs (11 W-4h/unit), radio (5 W-4h/unit), TV (50 W-2h), mobile Ph.	
	Module	50 W x 1 - 12 V	
	Charge Controller	5 A	
	Battery	150 Ah -12 V	
	Inverter	500 W	
	Support Structure	Anodized Aluminium	
<b>Kit 130 W - FD</b>		1 Low size/power fridge (75 W-450 Wh/day) 4 bulbs (11 W-4h/unit) radio (5 W-4h/unit), TV (50 W-3h), mobile Ph.	
	Module	65 W x 2 - 12 V	
	Charge Controller	8 A	
	Battery	180 Ah - 12 V x 2	
	Inverter	1000 W	
	Support Structure	Anodized Aluminium	
<b>Kit 200 W - FD</b>		Regular size fridge A /A+ energy rating (less or equal to 850Wh/day), to be connected only during the weekend, 4 bulbs (11 W-2h/unit) radio (5 W-4h/unit), TV (50 W-2h), mobile Ph.	
	Module	50 W x 4 - 12 V	
	Charge Controller	8 A	
	Battery	260 Ah -2 V x 12	
	Inverter	1500 W - 24 V	
	Support Structure	Anodized Aluminium	

\* Solar kits calculated for a location with a total solar irradiation of 1644 kWh/m<sup>2</sup> per year. The kits are able to assure the energy production to supply the loads listed at each kit only 2 days out of 7 per each week (weekend), allowing the full 7 days of solar irradiation. The productions listed at each kit are valid every day from the months March/April - October based on multiple-year irradiation averages. Modules have to be tilted at 50 degrees and oriented south in the northern hemisphere and north in the southern hemisphere.

In order to know the productions at any other conditions, please contact Zytech.

## Zytech Kit Solar / Wind Hybrid

Solar-Wind Hybrid equipment suitable for rural homes, cottages and small installations.

Evidence shows that strong winds are common on cloudy days and low winds common on sunny days.

Using the photovoltaic energy and wind energy together we almost succeed in covering completely our requirements.



Wind turbines **manufactured** by our subsidiary **Zytech Aerodyne** are made under the highest standards of quality.

The technology was bought in from a US company and now Zytech Aerodyne is one of the world's leading manufacturers providing **affordable state-of-the-art** small-in-size wind power systems with **advanced aerospace-grade** materials and technologies manufactured and tested **since 1992**.



### 900Wp Solar Wind Turbine Zytech Aerodyne Kit



Module	85 W x 2 - 12 V
Charge Controller	10 A
Battery	500 Ah - 2 V x 24
Inverter	1500 W - 24 V
Support Structure	Anodized Aluminium

# ZYTECH SOLAR

Zytech Solar headquartered in Zaragoza (Spain) with sites in Germany, USA, China, France and Italy, is a renowned solar manufacturing company.

Consistent quality management and a state-of-the-art R&D department guarantee high efficient long-lasting products and systems.

Further information is available at:

[www.zytech.es](http://www.zytech.es)



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