Tropical solar power supply for ALIZIA 380



SOLAR SUPPLY

Item : 002609



Main features

- Solar power supply for ALIZIA 380
- Crutch for easy tilting
- Allows the connection of the sensor

The Tropical Solar Power Supply for the ALIZIA 380 ultrasonic wind sensor allows to easily and durably deploy a wind measurement at 10m. The set, combined with a PULSIA station, will allow to meet the WMO recommendations for synoptic and climatological observation as well as the ICAO recommendations for meteorology dedicated to aeronautics.

The tropical solar power supply for the ultrasonic wind sensor ALIZIA 380 ensures the continuity of the measurements made at 10m. Both waterproof and sufficiently dimensioned, it perfectly covers the energy needs of the sensor.

Technology

Thanks to the amorphous silicon solar panel, the 6V NiMh battery can be charged continuously even on cloudy days under diffuse solar radiation.

Easy to install

Thanks to the amorphous silicon solar panel, the 6V NiMh battery can be charged continuously even on cloudy days under diffuse solar radiation.

The mounting point of the sensor allows to perfectly positioned ALIZIA 380. Connected to the P4-100 data logger, wind data is sent automatically.

Power supply from the mains

In addition to the solar panel, the tropical solar power supply allows you to connect a 6V AC power supply if necessary.

Thanks to this autonomous solar power system, it's easy to install an ALIZIA 380 wind sensor in even the most remote areas!

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Battery 6V / 6Ah

Technology

Item : 002446

NiMh

Technical specifications

General	
Material	Galvanized steel
Dimensions	(L)42 x (W)16 x (H)20 cm
Weight (with battery)	4.8 kg
Weight (without battery)	4.1 kg
Diameter of the sensor hol- der	Ø 50 mm
Mast attachment	2 clamps

Solar panel	
Dimensions	154 x 168 mm
Power	1.1 Wc
Technology	Amorphous silicon
Tilt	15°

Enclosure	
Material	Cast aluminium
Dimensions	(L)20 x (W)10 x (H)8 cm
	2 x M8; Ø 3 to 5 mm brass IP68
Cable gland	2 x M12; Ø 6.5 to 8 mm brass
	IP68



ALIZIA 380 and its power supply seen from above

	Alizia 380 : 2.2kg
	Aire = 43425.84 millimètres ²
0	0 0
	support and complet. 4.0kg dom.



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it contains no heavy metals!



,	6 Ah	
	(L)160 x (W)33 x (H)60 mm	
	700 g	
	M8 angled Binder plug 4 waterproof points	
rature	-40 to +85°C	
	6 VAC	
oltage	6.7 volt	
avoid permanent charging of the battery.		
Did you know that?		
Amorphous silic energy even un also one of th friendly photovo	on can provide enough der diffuse lighting. It is ne most environmentally Itaic technologies because	

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	Voltage	6 Volts
	Nominal capacity	6 Ah
	Dimensions	(L)160 x (W)33 x (H)60 mm
	Weight	700 g
	Connector	M8 angled Binder plug 4 waterproof points
	Operating temperature	-40 to +85°C

AC supply	
Input voltage	6 VAC
Maximum load voltage	6.7 volt

Charge limiter to avoid permanent charging of the ba



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