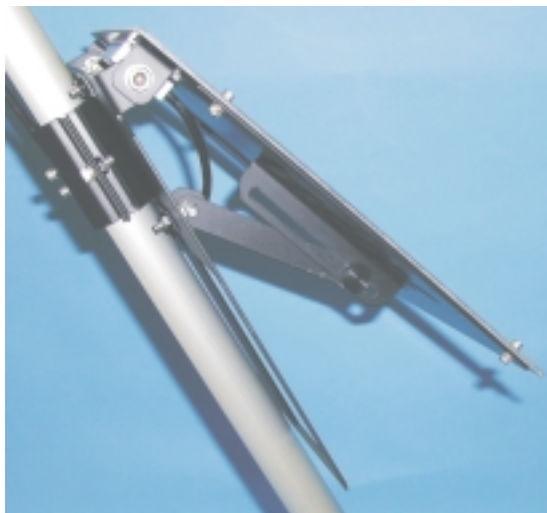
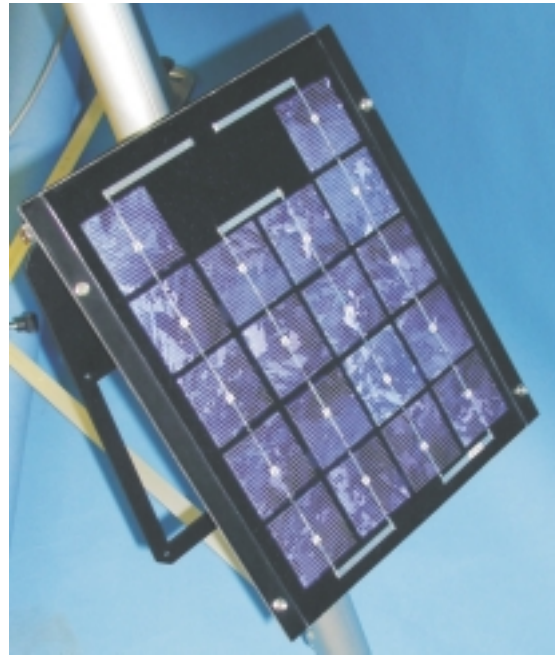


## SOLAR6

### A New Solar Panel for the Vaisala MAWS101 & 201

- High power efficiency and quality
- Lightweight and rugged
- Adjustable panel angle
- Pre-assembled power cable and connector

The Vaisala MAWS101 and 201 systems are typically powered by a solar panel with a 6 V operating voltage. The SOLAR6 solar panel is a custom-designed module incorporating high power efficiency, quality and ruggedness. The special slim-module design is an optimal combination for mobile applications. The SOLAR6 module's cells are protected from dirt, moisture and impact by a tough fluoropolymer front film. The solar circuit is laminated using EVA between this film and a durable glass fibre board back.



The solar power package also includes mast mounting accessories and a cable with a connector. The panel is very easy to install either to the leg of a tripod mast or to a pole mast. The angle of the panel is adjustable.

There are two models available:

The SOLAR6 for the Vaisala MAWS201, for installation on the tripod.

The SOLAR6-75 for the Vaisala MAWS101, for installations on pole masts with diameter of 60 - 75 mm. The cable length is 6 meters.

Both panels are 6 W / 6 volts panels. They are of the same product family as the panel used in the Vaisala MAWS201M Tactical Meteorological (TACMET) System.

## TECHNICAL DATA

PANEL TYPE	SOLAR6	SOLAR6-75
Peak power (Pp) @ 1 kW/m <sup>2</sup> @ + 25 °C	6 W peak	6 W
Voltage @ peak power (Vpp)	8.3	8.3
Current @ peak power (Ipp)	0.72	0.72
Short-circuit current (Isc)	0.8	0.8
Dimensions (l x w x d), in mm	346 x 268 x 5	346 x 268 x 5
Weight, incl. mounting accessories, kgs	2.8	3.0
Output cable, m	0.9, connector included	6 , connector included