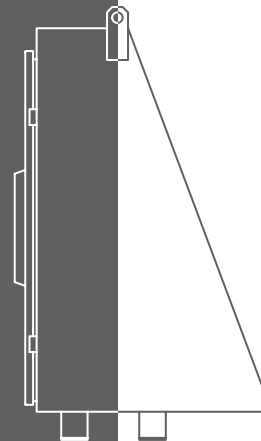


AIS-ATON Solar Compact Unit Tilt

APPLICATION

Autonomous power supply for AIS-AtoN for hazard indication for shipping



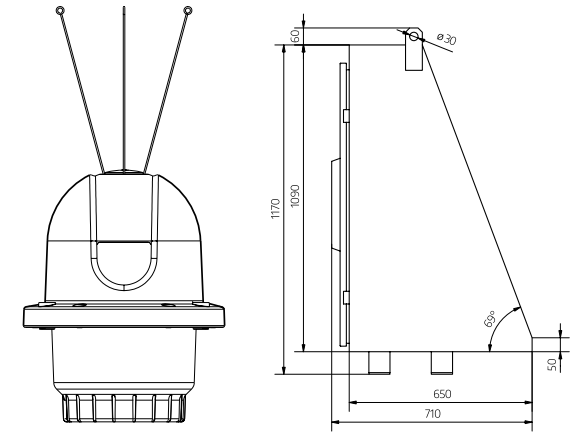
The AIS-AtoN solar compact unit Tilt combines the solar cabinet SK with the SRT Carbon AIS into one compact unit.

Thus this system can be mounted as a complete solution on any AtoN structure without any further mounting effort. All sensitive electrical components are protected from extreme weather conditions in a dry and ventilated environment.

FEATURES

- due to the low power consumption of 0.09 Ah/d, one solar module with one battery is sufficient
- a constructive ventilation design without additional compensating elements prevents explosion and corrosion with the best protection against external influences
- tilt angle of 21° on the module side optimises the light yield
- vandalism protected by profile cylinder
- expandable to two modules and two batteries





TECHNICAL SPECIFICATIONS

| | |
|-----------------------------|--|
| Operating voltage | 12 V _{DC} |
| Solar panel | 110 Wp, very high solar yield in a small area |
| Solar battery | 122Ah, cycle-resistant |
| Solar controller | ultra-fast MPPT tracking |
| AIS-AtoN | less than 0.09 Ah/d, 7 sensor interfaces IP 67 / 68 |
| UKW antenna | 146 - 165 MHz adjustable to 1, 2, 5, 12.5 W with polyurethane-coated glass fibre protection tube |
| Operating temperature range | - 25 °C – + 55 °C |
| Relative humidity | max. 100 % |
| Degree of protection | IP 55 (according to DIN EN 60529) |
| Dimensions (L x W x H) | 1,479 mm x 710 mm x 500 mm with AIS, 2,370 mm x 710 mm x 510 mm with antenna |

TRANSPORT SPECIFICATIONS

| | |
|-----------------|------------------|
| Net weight | 110 kg, complete |
| Shipping weight | 125 kg |

