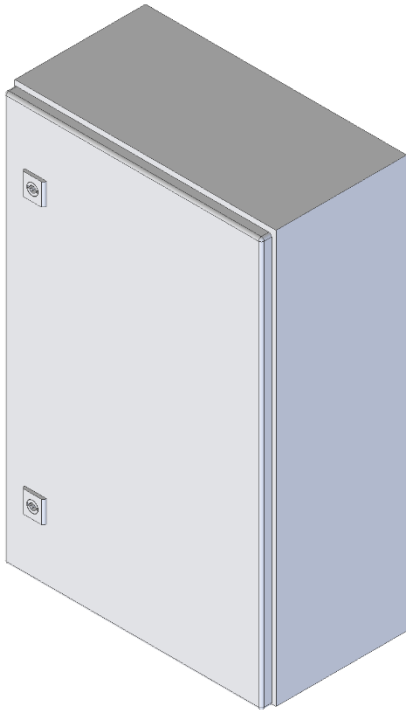


ATS-4 Datasheet

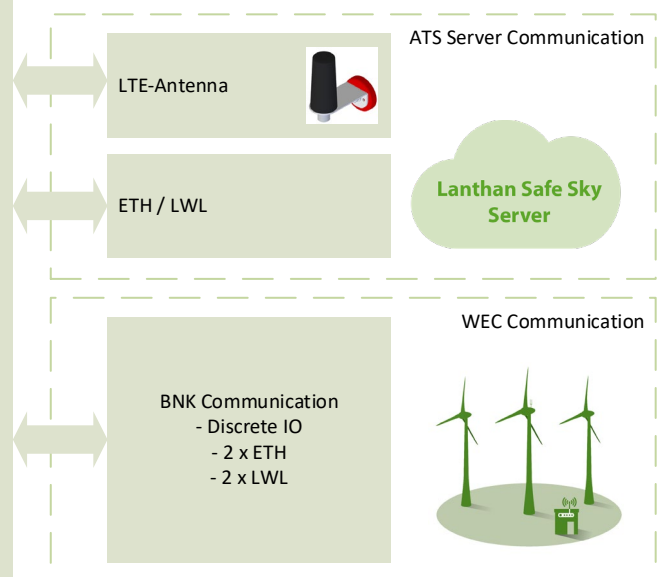
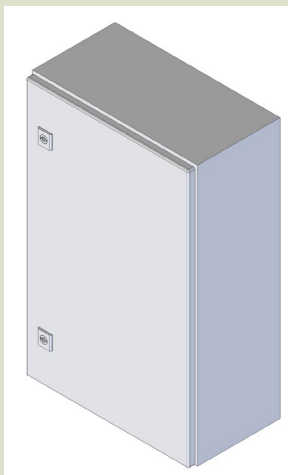


ATS-4

is the communication component of the Lanthan Safe Sky ADLS System. It contains communication modules for processing the data from the central ATS Servers to the wind farm communication network or the obstacle light system. The unit consists of a control cabinet and a specific mounting frame.

A 19"-rack mount version will be available shortly.

ATS-4 Traffic Receiver



Picture 1: ATS-4 Communication Overview

Mechanical Data	
Dimensions (W x H x D)	390 x 600 x 230 mm (without cables)
Weight	max.25 kg
Mounting	Vertical / Horizontal
Material	ATS Cabinet: stainless Steel V2A 1.4301 Mounting Frame: zinc plated steel
Temperature	-40°C - 50°C
Protection	IP65

Electrical Data	
Power Supply	230V AC, (B6A internally fused) max. 100W (15 - 20W without heating)
Communication Interfaces	2 x LTE Antenna Connector 2 x Ethernet RJ45 6 x 24V Digital In 6 x Digital Out (Relay: COM NO NC) 2 x LWL with SFP module (optional)
Communication Protocols	Modbus TCP TCP-Socket (TLS) (according to various WEC Manufacturers)

Added Equipment	
Communication Antenna (inside nacelle)	2 x LTE Antenna Mounting carrier (e.g. magnet mount) and cables to WEC type specification
Installation Material	Cables: power supply, grounding, interface Including all mounting material

Article Overview	
ATS-4 Vertical Mount	40110001
ATS-4 Horizontal Mount	40110002
ATS LWL Module	40200001
SFP Module	on specification
Added Equipment	According to WEC Type BOM