



System cabinets with integrated components for automatic weather stations

- **Product highlights**
Compact solution for automatic weather stations
- **Location**
Synoptic and climatological weather stations
- **Main power supply**
Mains power
- **Communication**
Cellular, Ethernet

The rugged lockable control cabinet of the OTT MetSystems is designed for automatic meteorological stations. It is equipped with components for power supply as well as with the IP datalogger OTT netDL for saving and remotely transferring meteorological data. The datalogger is preconfigured for use with the precipitation gauge OTT Pluvio² and optionally also for Lufft-weather sensors. This simplifies the set up of sensors. The high quality of the properly installed components guarantees a long useful life.

Control cabinet	
Dimensions (W x H x D)	380 mm x 500 mm x 210 mm
Housing	stainless steel, lockable , with breather gland
Protection class	IP66 (vertical installation)

Max. battery dimensions (W x H x D)	<p>Systems configured for solar power supply: 190 mm x 175 mm x 130 mm</p> <p>Systems configured for main power supply : 65 mm x 96 mm x 151 mm</p>
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Temperature range for control cabinet	-25 °C ... +70 °C incl. components
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Power supply	
Power Control Unit for mains power operation	DRC 100-A
Power supply	24 V/50 W
Overvoltage protection for power supply	<p>SPD acc. to EN 61643-11: Typ 3</p> <p>SPD acc. to IEC 61643-1/-11: Class III</p>

OTT netDL 500/1000 IP datalogger	
	external modem (4G / LTE) and flat antenna
Communication interfaces	<p>USB host and USB device,</p> <p>RS-232 (full DB9),</p> <p>Ethernet (netDL 1000)</p>
Sensor interfaces	<p>SDI-12, RS-485 (SDI-12),</p> <p>2 x status/pulse input,</p> <p>2 x switching output,</p>