Technical Data OTT MetSystems





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	ntrol 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)	









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Max. battery dimensions (W x H x	Systems configured for solar power supply:
D)	190 mm x 175 mm x 130 mm
	Systems configured for main power supply :
	65 mm x 96 mm x 151 mm

Temperature range for control -25 °C ... +70 °C incl. components cabinet

Power supply	
Power Control Unit for mains	DRC 100-A
power operation	
Power supply	24 V/50 W
Overvoltage protection for power	SPD acc. to EN 61643-11: Typ 3
supply	SPD acc. to IEC 61643-1/-11: Class III

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









