

Technical Data

power supply	230 V AC
power consumption	120 W (max. 240 W via internal power supply unit)
nominal frequency	50/60 Hz
AC connection	1P/N/PE
Industrial PC	OnLogic Industrial Edge PC Helix 500+ (Intel Core i7-10700T 16 GB RAM 128 GB SSD)
connections	USB 6 qty
	Ethernet
	RJ45 ports @ switch 8 qty
	RJ45 ports @ IPC 2 qty
	further interfaces
	ModbusRTU 1 qty
communication interfaces	DP 2 qty
	COM-Port 1 qty
	Ethernet (TCP/IP), Modbus (TCP)
functions	self-consumption optimisation, peak shaving, monitoring via Modbus or energy meters (e.g. charging infrastructure, PV, CHP, etc.)
extended functions	Backup power (corresponding inverter required); uninterruptible power supply (UPS, corresponding inverter required) <i>optional extensions:</i> control of individual PV systems; connection to electricity exchange and atypical grid utilisation (additional hardware required); billing of charging infrastructure (via CMP)
EU directives	2014/30/EU (EMC), 2014/35/EU (LVD), 2011/65/EU, 2015/863/EU (RoHS)
norms and standards	DIN EN IEC 61439-1, DIN EN IEC 61439-2
housing	DIN Rail Mounting (internal)
ambient temperature (recommended temperature for continuous operation)	5 – 45 °C (20 °C)
installation site	indoors non-condensing
IP Code	IP65
protection class	1
dimensions (W x H x D)	640 x 440 x 179 mm
weight	approx. 8.5 kg



 The information in the operating instructions must be strictly complied with.