

Technical Data

power supply	230 V AC		
power consumption	40 W (max. 76 W via internal power supply unit)		
nominal frequency	50/60 Hz		
AC connection	1P/N/PE		
Industrial PC	Shuttle Edge EN01J4 (Intel Pentium J4205 8 GB RAM 64 GB eMMC)		
connections		version A	version B
	USB type A	2 qty	2 qty
	Micro USB	1 qty	1 qty
	Ethernet		
	RJ45 ports @ switch	8 qty	8 qty
	RJ45 ports @ IPC	1 qty	2 qty
	further interfaces		
	ModbusRTU	1 qty	1 qty
	HDMI	1 qty	1 qty
Micro SD Cardreader	1 qty	1 qty	
communication interfaces	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.