



Solar Monitor SM2-GSM/GPRS Module Specification

RF parameters	
Quad-band	850/900/1800/1900MHz
GPRS Multi-slot Class	12, 1~12 configurable
Compliant to GSM Phase 2/2+	Class 4 (2W @ 850/ 900 MHz) Class 1 (1W @ 1800/1900MHz)
Certificates	CE, FCC, GCF, ICASA, PTCRB, TELCEL, IC, NCC, UCRF, Rogers, ANETEL
Aerial	
Connector	SMA (male)
Interface	
RS232	HBUS (DIN rail, bottom pluggable, no external wires needed) and RJ12 connector ¹
Max. distance	12 m
Electrical parameters	
Power supply	9-35 V DC, typ. 1 W @ 12V ^{2, 3}
Mechanical parameters	
Dimensions	53.6 x 89.7 x 62.2 mm
Mounting	DIN rail
Screw terminals	0.5 mm ² - 1.5 mm ² cable cores
Protection rating	IP20
Operating temperature	-25 .. +60 °C
LED diodes	Status, GSM network

1 Interface connectors are mutually exclusive. The HBUS interface is intended to be used with the SM2-MU unit module. With the RJ12 connector the SM2-GSM module can be used as an individual GSM/GPRS modem with automatic power management by the DTR signal.

2 There is no need for additional power supply if module is connected with the HBUS to the SM2-MU. In this case power supply for the SM2-MU should be calculated to provide sufficient power for all modules on the HBUS.

3 During transmission there can be consumption peak bursts up to 6.4 W.

Mechanical Dimensions

