

Tor Mars



Model Number	Mars 712	Mars 713
Power Supply		
Supply Voltage	12-90 V DC	3*AA Battery
Max Supply Voltage	90 V DC	5 V DC
Reverse Polarity Protection	0 to -90 V DC	0 to -5 V DC
Max Operating Current	<100 mA	NA
Peak Operating Current	2A @network activities	NA
BackUp Battery	250 mAH , Li-Ion 3.7 V	Slabs
Communication		
Cellular	2G Quad-band GSM 850 / 900 / 1800 / 1900 MHz	2G Quad-band GSM 850 / 900 / 1800 / 1900 MHz
GNSS	GPS, GLONASS	Traingulation
Network Protocol	TCP/IP, Mqtt	Mqtt
Interfaces		
Digital Input	1	NA
Digital Output	1	NA
Analogue Input	1 (0-40 v)	NA
GNSS Antenna	Internal	NA
Cellular Antenna	Internal GSM	Internal GSM
SIM	Micro (1)	Nano (1)
Memory	200 records @1 min frequency	NA
Additional Features		
Configuration & FW update	FOTA	NA
Physical Specification		
Dimension	51 * 98 * 20 (LWH)	51 * 98 * 20 (LWH)
Operating Environment		
Operating Temperature	-10 to +70 deg C	0 to 40 deg C
Operating Humidity	85 Rh	NA
Vibration	2g, 10-150 Hertz	NA
Enclosure Ingress Protection (IP)	IP 65	85 Rh