

Product-type designation	RF680M ETSI mobile hand-held terminal
	SIMATIC RF600 MOBILE READER RF680M ETSI BASIC UNIT: PSION WORKABOUT PRO 3 C, ALPHA-NUMERIC, INCL. AKKU 3 AH, MS-WINDOWS CE 5.0 RFID-MODULE: UHF, ISO 18000-6C, 500 MW, ETSI, CE
Suitability for installation	RF600 transponder
Wireless frequencies	
Operating frequency	
• initial value	865 MHz
• final value	868 MHz
Equivalent isotropic radiated power / in accordance with FCC	
Electrical data	
Range / maximum	600 mm
Protocol / for radio transmission	EPCglobal Class 1 Gen 2 / ISO 18000-6C
Transfer rate / with radio transmission / maximum	400 kbit/s
Product property / multitag-capable	Yes
Polarization	Linear
Supply voltage, current consumption, power loss	
Type of current supply	Battery operation or mains operation via docking station
Type of battery	Lithium ion battery, fast charging capability
Type of battery / as back-up battery / integrated	Lithium ion battery, permanently installed, cannot be replaced by customer
Battery capacity	3 A·h
Operating period / with standard battery / typical	8 h
Permitted ambient conditions	

Ambient temperature	
• during operating	-20 ... +50 °C
• during storage	-40 ... +60 °C
Protection class IP	IP54
Height of fall / maximum	1.5 m
Design, dimensions and weight	
Width	92 mm
Height	265 mm
Depth	42 mm
Net weight	0.6 kg
Product properties, functions, components / general	
Design of the display	VGA color touch screen 3.6", 480 x 640 pixels
Design of the control elements	Alphanumeric
Design of acoustic signaling element	Speakers
Design of the interface	Tether port with RS232 and USB 1.1, docking connection with low insertion force (LIF)
Memory capacity	
• of the RAM work memory	256 Mibyte
• of data and program memory	1000 Mibyte
• of the data memory / can be used/available	900 Mibyte
Product functions / management, configuration	
Operating system / pre-installed	Windows Embedded CE 5.0
Product function / of the software	RF610M.exe for execution of RF600 transponders
Standards, specifications, approvals	
Verification of suitability	EMC: EN 55022, EN 301 489, safety: EN 60950, RF: EN 300 220, FCC Part 15, UL/CSA
MTBF	55 a
Accessories	Charging/docking station, WLAN module, barcode scanner
letzte Änderung:	Jul 3, 2014