



RW POWER 3.0

FULL-RUGGED MISSION MODULE

The RW Power Module is the logical extension of the Mobile Server Mission System, building on the same design footprint. The two versions are available with one AC and one DC wide range input or with one single AC wide range input. The DC outputs, which are identical for both versions, can be used to power up to two mission modules (e.g., switches) and a Lizard® RW notebook via military DC connectors. An internal back-up battery detects power failures and briefly bypasses them in order to complete important applications on the laptop. If there is no power supply, the power module gently and precisely shuts down the notebook via the RS232 interface.

Because it is coupled via the patented mounting and holding system, the power module can be connected to the Lizard® RW and the associated switches perfectly with a maximum overall weight of 16 kg for rapid reaction forces and special forces that need to rely on quickly deployable and highly available rugged IT.

+ POWER FOR YOUR MISSION SYSTEM

- + **AC-VARIANT:** 1x AC-In (90~264 V_{AC})
- + **AC+DC-VARIANT:** 1x AC-In (90~264 V_{AC})
+ 1x DC-In (18~32 V_{DC})
- + 3x DC-Out (19 V_{DC} or 24 V_{DC})
- + Internal UPS Li-ion battery
2x 6900 mAh | min. 20 minutes buffer

- + IP65
- + -20 °C to +50 °C operating
- + **DESIGNED TO MEET MIL-STD-461G**
- + Reverse polarity protection
- + Surge and spike resistance
- + **ACCORDING TO MIL-STD-1275**
- + **OPTIONAL SDIP 27 Level B (ER)**



MISSION MODULE

RW POWER 3.0

+ AC INPUT

110-230 VAC , 50 - 60 Hz

+ DC INPUT

18-32 VDC
Surge and spike resistance for 28 VDC systems according to MIL-STD 1275
Reverse polarity protection
VG96916 part 5

+ DC OUTPUT

max. 3x 19 VDC or 24 VDC

+ POWER CONSUMPTION

max. 135 W

+ INTERNAL UPS

minimum 20 minutes buffer
(2x 6900 mAh = RW Li-ion battery)

+ LEDs

+ AC+DC-IN VARIANT:

1x LED für AC-IN
1x LED for DC-IN
1x LED for battery UPS charging or full
1x LED status UPS
(operating/flashes in UPS mode)

+ AC-IN VARIANT:

1x Supply voltage
1x LED for AC-IN
1x LED for battery UPS charging or full
1x LED status UPS
(operating/flashes in UPS mode)

+ INTERFACES

+ AC+DC-IN VARIANT:

1x DC-In (18-32 VDC)
1x AC-In (90-264 VAC)
3x DC-Out (19 VDC or 24 VDC)
1x DB9 RS232 (management)

+ AC-IN VARIANT:

1x AC-In (90-264 VAC)
3x DC-Out (19 VDC or 24 VDC)
1x DB9 RS232 (management)

+ MOUNTING

as DockUnder Station for RW14

+ DIMENSIONS [W×H×D]

ca. 382 x 70 x 277 mm

+ WEIGHT

6.6 kg (AC-Variant)
6.8 kg (AC+DC-Variant)

+ PROTECTION CLASS

IP65

MIL-STD-810G	OPERATING	STORAGE
TEMPERATURE	-20 °C to +50 °C	-20 °C to +60 °C
EMI		
MIL-STD-461G	Design to meet	
TEMPEST		
	SDIP 24 Level B (ER)	



CUSTOMIZATION:

Need anything not included in the data sheet? roda products are designed to enable customization to your specific program requirements. Please contact your roda sales team member to find the best solution for your requirements.

Roda computer GmbH reserves the right to change without notice the information.