

# RW Power 3.0

## RW Mobile Server Mission Module



The Power Module RW is the logical extension of the Lizard® RW14 Mobile Server Mission System in the same footprint. The two variants are available with an AC and a DC wide-range input or only with an AC wide-range input. The DC outputs, which are identical for both variants, allows the powering via military DC plugs, up to two mission modules (e.g. switches) and a Lizard® RW14 notebook. An internally installed back-up battery detects a power failure and temporarily bypasses it to complete important applications on the laptop. If there is no power, the power module drives the notebook deliberately and gently via the RS232 interface.

Due to the coupling via the patented mounting and holding system, the power module combined with the Lizard® RW14 and the associated switches with a maximum total weight of 16 kg is perfect for rapid deployable and special forces, who have to rely on fast deployable and highly reliable rugged IT.



**Technical Specification**

roda Part-No.	759049	759050
AC input	110-230 V <sub>AC</sub> , 50 - 60 Hz	
DC input	18-32 V <sub>DC</sub> • Surge- and Spike protection for 28 V <sub>DC</sub> systems according to MIL-STD-1275 • inverse polarity protection • VG96916 Teil 5	
Power consumption	max. 135 W	
internal UPS	minimum 20 minutes buffer (2x 6900 mAh = RW14 Li-Ion battery)	
LED indicators	1x supply voltage 1x LED for AC-IN 1x LED for DC-IN 1x LED for Battery UPS loading or full 1x LED status UPS (operating/flashes in USP mode)	1x supply voltage 1x LED for AC-IN  1x LED for Battery UPS loading or full 1x LED status UPS (operating/flashes in USP mode)
Interfaces	1x DC-In (18-32 V <sub>DC</sub> ) 1x AC-In (110~230 V <sub>AC</sub> ) 3x 19 V <sub>DC</sub> Out (max. 200 W) • 2x 19 V <sub>DC</sub> for Mission Module • 1x 19 V <sub>DC</sub> for RW14 1x RS232	1x AC-In (110~230 V <sub>AC</sub> ) 3x 19 V <sub>DC</sub> Out (max. 200 W) • 2x 19 V <sub>DC</sub> for Mission Module • 1x 19 V <sub>DC</sub> for RW14 1x RS232
Product safety	CE, EN 60950-1	
IP protection	IP65	
EMI	CE, VG95373, NATO SDIP 27 Level B (ER) Zone 1, designe to meet MIL-STD-810 and MIL STD 461	
Case	AluMG3, milled, passivated and powder coated	
Colour	RAL6031HR	
Dimensions (H x W x D)	382 x 277 x 70 mm	
Weight	6.8 kg	6.6 kg

MIL-STD-810G	operating	storage
Temperature Method 501.5 & 502.5, Procedure I, II	-20°C to +50°C (0°C - 45°C @ charging)	-20°C to +60°C

Optional: MIL-STD-461F		
CE101	30 Hz ~ 10 KHz	CE101-4 Curve #1
CE102	10 KHz ~ 10 MHz	115 V, Basic Curve +6db
CS101	30 Hz ~ 150 KHz	CS101-1 Curve #1
CS114	10 KHz ~ 200 KMz	Curve #5-5-5
CS115		All
CS116	10 KHz to 100 KMz	I <sub>max</sub> = 10 A
RE101	30 Hz ~ 100 KHz	RE101-2, Navy
RE102	10 KHz ~ 18 GHz	RE102-4, Navy Fixed & Air Force
RS101	30 Hz ~ 100 KHz	RS101-1, Navy
RS103	2 MHz ~ 40 GHz	2 MHz ~ 8 GHz, 50 V/m



RW Mission Modules are front screwed and rear positioned by retaining bolts secured



The RW Mission Modules can be individually stacked

