

Internet-Box – WLAN- & LTE-Koffer

Performantes Internet für schwierige Umgebungsbedingungen.
Die kosteneffiziente Lösung für temporären und dauerhaften Einsatz.



DIMENSIONS

Case	502 x 415 x 246 mm
Unit containing PSU	180 x 180 x 150 mm
Unit without PSU	180 x 130 x 150 mm
Optional Equipment	
Jackery Explorer 240 Powerstation	132 x 231 x 195 mm
Jackery SolarSaga 100 Solar Panel (folded)	610 x 535 x 35 mm
Renkforce RJ45 Network Extension Reel 90m	420 x 340 x 240 mm

WEIGHT

Case (empty)	3,6 kg
Unit containing PSU	1,8 kg
Unit without PSU	1,2 kg
Ethernet Cable 30m CAT6	1,3 kg

OPTIONAL EQUIPMENT

Jackery Explorer 240 Powerstation	3,0 kg
Jackery SolarSaga 100 Solar Panel	4,7 kg
Renkforce RJ45 Network Extension Reel 90m	6,9 kg



JACKERY EXPLORER 240 POWERSTATION

Capacity	240 Wh
Operating temperature	-10 bis 40°C
Warranty	24 months



JACKERY SOLARSAGA 100 SOLAR PANEL

Peak Power	100 W
Warranty	24 months
Operating temperature	-10 bis 65°C
Jackery SolarSaga 100 Solar Panel (folded)	610 x 535 x 35 mm
Jackery SolarSaga 100 Solar Panel (unfolded)	1220 x 535 x 5 mm
Uptime with Jackery Explorer 240	12 hours
Uptime with Jackery Explorer 240 + SolarSaga 100:	Up to infinite (insolation depending)



RUGGED SPECIFICATIONS

Protection class IP67, waterproof, dustproof, shatterproof, impact resistant, automatic pressure equalization valve, two holes for padlocks, stackable, shockproof due to extra strong walls, Fixing points for intermediate plate - hinges over the entire length of the case, Nylon hinge pins - no corrosion

UNIT ENCLOSURES

Material	Polycarbonate, RAL 7035
Gasket	TPE
Ingress Protection	IP 66 / IP 67 (EN/IEC 60529)
Impact strength	IK08 +35 °C / -25 °C (EN/IEC 62262)
Temperature range	In continuous use -40°C - +80°C
UV stability	Polycarbonate materials used are tested to class f1 "suitable for outdoor use with respect to exposure to UV light" in accordance to UL 746C
Power consumption:	9 W (typically), 21 W (max)



RENKFORCE RJ45 NETWORK EXTENSION REEL 90M

Length	90 m
Specification	CAT 7a
Connection type	2 x RJ45 jacks
Shielding	S/FTP
Dimension	420 x 340 x 240 mm
Weight	6,9 kg

CONNECTIVITY

Mobile module	4G (LTE) – Cat 6 up to 300 Mbps, 3G – Up to 42 Mbps
Wireless mode	802.11 b/g/n, 2x2 MIMO, Access Point (AP), Station (STA)
WiFi security	WPA3-EAP, WPA3-SAE, WPA2-Enterprise-PEAP, WPA2-PSK, WEP; AES-CCMP, TKIP, Auto Cipher modes, client separation
WAN	1 x WAN port (can be configured as LAN) 10/100 Mbps, compliance with IEEE 802.3, IEEE 802.3u standards, supports auto MDI/MDIX crossover
LAN	1 x LAN ports, 10/100 Mbps, compliance with IEEE 802.3, IEEE 802.3u standards, supports auto MDI/MDIX crossover
Network protocols	TCP, UDP, IPv4, IPv6, ICMP, NTP, DNS, HTTP, HTTPS, FTP (planned), SMTP, SSL v3, TLS, ARP, VRRP, PPP, PPPoE, UPNP, SSH, DHCP, Telnet client, SNMP (planned), MQTT (planned), Wake on LAN (WOL) (planned)
Connection monitoring	Ping Reboot, Wget reboot, Periodic Reboot, LCP and ICMP for link inspection
Firewall	Port forwards, traffic rules, NAT rules, custom rules
DHCP	Static and dynamic IP allocation, DHCP Relay, Relayd
Network backup	Mobile, Wired and WiFi WAN options, each of which can be used as an automatic Failover
VPN	OpenVPN, IPSec, GRE, PPTP, L2TP, ZeroTier, WireGuard
Power consumption	10.5 W max
Ethernet	2 x RJ45 ports, 10/100 Mbps
I/Os	2 x Configurable digital Inputs/Outputs on 4 pin power connector
Status LEDs	2 x Mobile connection type, 3 x Mobile connection strength, 2 x Eth status, 1 x Power
SIM	1 x SIM slots (Mini SIM - 2FF), 1.8 V/3 V, external SIM holders
Antenna	2 x SMA for LTE, 2 x RP-SMA for WiFi
Power	1 x 4 pin DC connector
Reset	Reboot/User default reset/Factory reset button
Operating temperature	-40 C to 75 C
Operating humidity	10 % to 90 % non-condensing

