

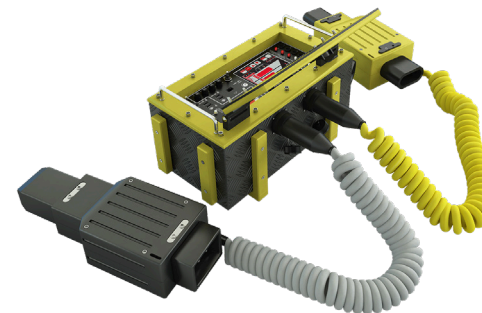
# POWER TESTING BETWEEN GPU AND AIRCRAFT

## PRODUCT DESCRIPTION

Portable power analyzer for AC & DC power measuring between GPU and Aircraft - Wifi & USB connectivity

## ADVANTAGES OF RED BOX ANALYZER

- **Simple operation** suitable for non-trained operators
- **28.5 V DC power measuring**, connected between GPU and Aircraft
- Suitable for **workshop and/or airside operation**
- **115 – 200V / 400 Hz V AC power measuring**, connected between GPU and Aircraft
- **Time duration and kW consumption** indication option for **energy charge**
- **Transport casing** with pull up handle as standard **for each analyzer**
- **Customized model configuration**; DC, AC, DC/AC, AC/AC, analyzer models
- **Free licensed software application & proper drivers included**
- **Accurate measurements possible to export and printout in PDF or excel files**
- **High component quality control** by manufacturer
- **High reliability** - effective standardization process
- Isolated jack sockets - unique user friendly safety feature for external voltage test
- Spare parts availability and **accurate on-time deliveries**
- Aluminum housing and **non-corrosive parts**
- **Short worldwide delivery period** with tracking feature & insurance
- **2 years full warranty with extension option** for all load banks
- CE certification - health, safety, and environmental protection standards
- Made for GPU's testing procedure according to ISO 6858, DFS 400, ARP 5015
- Classification CE marking, DIN, VDE, IEC, IP 21 protection rate level



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TECHNICAL SPECIFICATION		RBNA-28	RBNA-400	RBNA-428	RBNA-440
AC VOLTAGE [V]		/	115 /200 V AC ± 20 %	115 /200 V AC ± 20 %	115 /200 V AC ± 20 %
AC LOAD [A]		/	0 - 180 kW ± 10 %	0 - 180 kW ± 10 %	0 - 180 kW ± 10 %
FREQUENCY [Hz]		/	400 Hz ± 20 %	0 - 8 kW	0 - 8 kW
DC VOLTAGE [V]		28.5 V DC ± 20 %	28.5 V DC ± 20 %	400 Hz ± 20 %	400 Hz ± 20 %
DC LOAD [A]		0 - 2500 A ± 10 %	0 - 2500 A ± 10 %	/	/
3 LINE HIGH BRIGHTNESS RED LED DISPLAY CLASS: ±0.5% S ACC. IEC 62053-22 2003		/	1500 A DECREASING ESS	2000 A DECREASING ESS	1400 A or 2500 A DECREASING ESS
3 LINE HIGH BRIGHTNESS RED LED DISPLAY CLASS:±0,5 % FS+2C		V, A, kW	V, A, Hz, kW, kVA, Unbal. % load, cos ϕ	V, A, Hz, kW, kVA, Unbal. % load, cos ϕ	V, A, Hz, kW, kVA, Unbal. % load, cos ϕ
PLUG TEST PINS FOR EXTERNAL INSTRUMENT DEVICE		+, -, E, F (DC)	A, B, C, N, E, F (AC) +, -, E, F (DC)	A, B, C, N, E, F (AC)	A, B, C, N, E, F (AC)
I/O between GPU and AIRCRAFT		1 x 28 V DC	1 x 400 Hz and 1 x 28 V DC	1x 400 Hz	1 x 400 Hz and 1 x 400 Hz
INDICATIONS		1x POWER, CONTROL INDICATION	1 x INTERLOCK, PHASE INDICATION, PHASE ROTATION 1x POWER, CONTROL INDICATION	1 x INTERLOCK, PHASE INDICATION, PHASE ROTATION	2 x INTERLOCK, PHASE INDICATION, PHASE ROTATION
CONNECTION TO DEVICE WITH EMBEDED & INCLUDED FREE LICENSED SOFTWARE	WiFi & USB				
NORMS					
TESTING PROCEDURE ACCORDING	ISO 6858, DSF 400, ARP 5015				
DEVICE CLASIFICATION	CE marking, DIN, VDE, IEC				
DIMENSIONS & WEIGHT					
ANALYZER SIZE [L x W x H] mm / Kg ANALYZER SIZE [L x W x H] In / Lbs	520 x 250 x 230 / 18 20.5 x 9.8 x 9 / 40	520 x 250 x 230 / 18 20.5 x 9.8 x 9 / 40	520 x 250 x 230 / 18 20.5 x 9.8 x 9 / 40	520 x 250 x 230 / 18 20.5 x 9.8 x 9 / 40	520 x 250 x 230 / 18 20.5 x 9.8 x 9 / 40
TRANSPORT CASING [L x W x H] mm / Kg TRANSPORT CASING [L x W x H] In / Lbs	840 x 380 x 580 / 22 33 x 15 x 23 / 48	840 x 380 x 580 / 22 33 x 15 x 23 / 48	840 x 380 x 580 / 22 33 x 15 x 23 / 48	840 x 380 x 580 / 22 33 x 15 x 23 / 48	840 x 380 x 580 / 22 33 x 15 x 23 / 48
ANALYZER PAINTING / TRANSPORT CASING	POWDER COATING FINE STRUCTURE 71319 IGP, SWISS QUALITY / HIGH GRADE ALUMINUM				
Including transport carrying case per unit / All specifications are subject to change without further notice					