

JENNY ND Terra

Portable Energy Supply

The portable energy unit JENNY ND Terra reliably supplies power to hidden surveillance and portable reconnaissance devices. This energy solution is combat – ready anytime, anywhere – independent of outside impact, JENNY ND Terra serves as dependable long-term energy supply. Easily camouflaged or even buried – the compact design and silent operation convert JENNY ND Terra to an undercover energy source.



➤ In operational use

| Technical data | |
|----------------------------------|--|
| Max. charging power per day | 600 Wh |
| Nominal power | 25 W |
| Peak power | Up to 180 W [temporary] |
| Runtime per fuel cartridge | Up to 110 h |
| Nominal current at 10 V / 16.5 V | 2.50 A / 1.51 A |
| Weight (dry) | 10.5 kg [23.15 lbs] incl. hybrid battery |
| Dimensions L x W x H | 499 x 393 x 240 mm [19.7 x 15.5 x 9.5 in] |
| Nominal consumption | < 1.0 l / kWh |
| Electrical interface | Glenair # 804-005-07ZNU8-13s |
| Internal battery | BB-2590 (BT-70791A) Nominal voltage: 14.4 V Nominal capacity: 14.4 Ah End of charge: 16.4 V +/- 0.08 V Max. charge / discharge: 6 A / 46 A |

| Environmental characteristics | |
|--|--|
| Operating temperature | -32 °C to +35 °C [-26 °F to +95 °F] on Regular fuel +10 °C to +49 °C [+50 °F to +120 °F] on Desert fuel |
| Start-up temperature | +1 °C to +49 °C [+34 °F to +120 °F] |
| Storage temperature | +1 °C to +71 °C [+34 °F to +160 °F] -34 °C to +71 °C [-29 °F to +160 °F] in frost-protection mode |
| Warranty period | 1500 operating hours |
| Humidity | 0 bis 100 % RH |
| Water | Splash-guard, waterproof in transport configuration |
| Vibration | MIL-STD 810F method 514.5, category 5, 8 and 20 |
| Drop | MIL-STD 810F method 516.5, procedure I |
| Operating altitude | Up to 4000 m [13,000 ft] without power loss |
| Noise emission | < 37 dB(A) at 1 m |
| EMC | VG 95373 |
| Operating positioning / implementation | Vertical, horizontal / covered, buried |

| Portable Energy System | Item number |
|-----------------------------|-------------|
| JENNY ND Terra complete set | 303 000 008 |

| Delivery content JENNY ND Terra |
|--|
| System case with air supply kit |
| JENNY 600S Fuel cell (incl. transport battery) |
| Hybrid battery BB-2590 |
| Connection cable 12 V Auto OUT |
| User manual, short operation instruction |
| Service Fluid, 20 ml |

| Optional cables | Item number |
|---|-------------|
| Cable PM 3G (BW) MKEV 13 Pin - 100 cm (4 in) | 905 906 172 |
| Cable PM 3G 24 V Auto OUT- 100 cm (4 in) | 905 075 015 |
| Cable PM 3G 14 V Auto OUT- 100 cm (4 in) | 905 075 016 |
| Adapter for cigarette lighter (large to small) | 905 906 167 |

| Accessories | Item number |
|---|-------------------|
| Service Fluid, 20 ml | 303 903 001 |
| Air filter, sand (olive green) | 303 090 011 (009) |
| Slide-on battery JENNY 600S, sand (olive green) | 303 079 006 (009) |
| Battery charger for battery JENNY 600S | 303 906 021 |
| Fuel cartridge adapter (M0.35 to M2.5) | 303 905 076 |
| SFC Power Manager 3G, sand | 905 000 004 |
| SFC Power Manager 3G, olive green | 905 000 005 |

| Fuel cartridge | M2.5 Regular | M2.5 Desert |
|-----------------------|---------------------------------------|---------------------------------------|
| Item number | 303 905 069 | 303 905 070 |
| Volume | 2500 ml (85 fl.oz) | 2500 ml (85 fl.oz) |
| Content | 100 % methanol | 60 % methanol, 40 % water |
| Weight | 2200 g (4.8 lbs) | 2300 g (5.1 lbs) |
| nominal capacity | 2770 Wh | 1666 Wh |
| Operating temperature | -32 °C to +35 °C (-26 °F to +95 °F) | +10 °C to +49 °C (+50 °F to +120 °F) |
| Dimensions L x W x H | 231 x 153 x 115 mm (9.1 x 6 x 4.5 in) | 231 x 153 x 115 mm (9.1 x 6 x 4.5 in) |

Subject to change 0811 -v4

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