

## 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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