

SFC Power Manager 3G

The SFC Power Manager 3G charges your batteries efficiently and provides power to your equipment in the field. It can easily be integrated into existing systems and simplifies power logistics. The SFC Power Manager 3G enables soldiers in the field to make optimum use of available power sources including batteries, vehicle power, solar and of course Fuel cells! Intelligent and configurable power management reduces the overall weight of your power system significantly while increasing the efficiency of the operation at the same time.



➤ In operational use

Technical data	
Weight	520 g (1.15 lbs)
Dimensions L x W x H	162 x 95 x 36 mm (6.83 x 3.74 x 1.42 in)
Display	LCD-Display with graphics and full text
Data interface	USB (USB 1.0 or higher)
Communication interface	SMBus (SMBus v 1.0 or higher)
Electrical interface	Glenair # 804-005-07ZNU6-7S Glenair # 804-005-07ZNU7-10S Glenair # 804-005-07ZNU8-13S

Environmental characteristics	
Operating temperature	-31 °C bis +55 °C (-24 °F to +131 °F)
Storage temperature	-31 °C bis +80 °C (-22 °F to +176 °F)
Humidity	0 bis 100 %
Water protection	MIL-STD 810F method 506.4, procedure I und II Submergible up to 1 meter for 2 hours
Sand and dust	MIL-STD 810F method 510.4, procedure I
Vibration	MIL-STD 810F method 514.5, category 5, 8 und 20
Shock	MIL-STD 810F method 516.5, procedure I and IV
Noise	Not applicable

Electrical specifications	
Ports	2 High power I / O's ^[1] 2 Power harvesting I / O's ^[1] 2 Power Outputs ^[1]
Voltage range	8 – 33 V DC
Current range	5 A / 13 A ^[1]
Power range	65 W / 430 W ^[1]
Cable-identification	One-wire Chip
Port protection	Over-voltage Over-current Short circuit Reverse polarity over temperature

[1] see port overview for details

Port designation	Number of ports	Voltage range	Current rating	Power rating	Communication	Cable-ID	Port protection	Applications
High power I / O	2	8 – 33 V	13 A	430 W	SMBus	Yes	Over-voltage Over-current Short circuit Reverse polarity Over temperature	-vehicle power -generators -wall adapter -fuel cells -laser designation -satellite radio / comms
Power harvesting I / O	2		5 A	65 W	SMBus	No		-batteries (charging / utilizing) -fuel cells -solar [MPP tracking]
Power output	2		5 A	65 W	USB	Yes		-batteries -radio / comms -laptop computers -other

SFC Power Manager	Item number
SFC Power Manager 3G – color: sand	905 000 004
SFC Power Manager 3G – color: olive green	905 000 005

Delivery content SFC Power Manager 3G
SFC Power Manager 3G
User manual
Windows tool and driver on CD
Transport box

Equipment	Item number
Power Manager pouch, sand	905 902 007
Power Manager pouch, ACU	905 902 006
Cable pouch, sand	905 902 008
Cable pouch, ACU	905 902 009
Web dominator, brown	905 908 018
Web dominator, grey	905 908 019
Web dominator, black	905 908 020

Optional cables	Item number
Fuel Cell IN	905 906 184
Solar IN	905 906 199
Li-145 / Li-80 IN / OUT	905 906 123
12 / 24 V Auto IN	905 906 179
12 V Auto OUT	905 906 180
CF-18 OUT	905 906 187
BB-2590 IN / OUT	905 906 131
USB	905 906 188
AA / AAA-Charger OUT	905 906 147
Wall Adapter IN	905 906 186

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