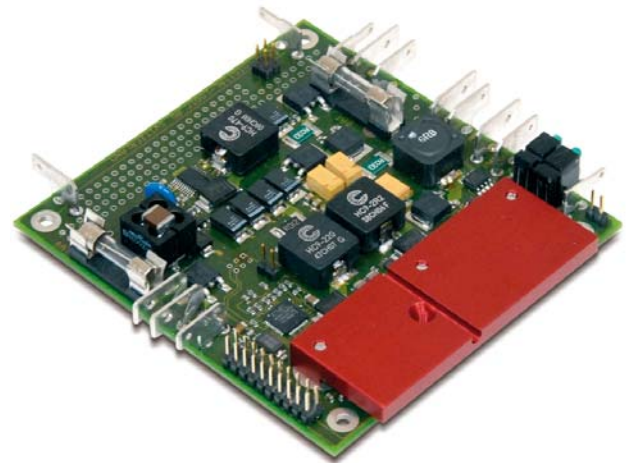




### MSMPS104B - Power Supply, 20-55VDC in, 5V 10A out, 12V 1A out, EN50155

#### Features

- Wide range power input 20-55V, (68Vin peak @ 2 sec.)
- UPS FUNCTION with battery 12V/2Ah
- Performance 75W
- E1, EN50155
- 5V/12V outputs
- Reverse polarity protection and overload protection



#### Technical Specifications

FEATURE	MSMPS104B
Part no.	806042
Function	Power supply, UPS option
ISA-BUS	not mounted
Protective features	Reverse polarity, Fuse, Overload
Charger regulator interface	COM/SMB interface
Controller	Battery controller, monitor
Vinput (typ.)	24, 36, 42, 48V (20-55V)
1st output	5V, 10Amp
2nd output	12V, 1Amp
Power normal	75W, n=80%
Power monitoring	Uin, Uout, Charger
Remote on/off input	optoisolated (ignition)
Operating temperature	-25°C to +60°C
Extended operating temperature	-40°C to +85°C*
Size (W x L x H in mm)	90 x 96 x 17
Weight	100 g
Software support	UPS management
MTBF	100'000h
Load voltage range	20V-55V
Rechargeable battery	Pb Pb-Gel
Complies to	EN50155, IEC62040-3, e1

\*reduced power to 50W

#### Description

The MSMPS104B MICROSPACE® PC104 expansion card has 5V and 12V outputs available, with an input voltage range of 20-55V. Furthermore, a rechargeable lead-acid battery can be connected which serves as a back-up power supply in case of power failure. A microcontroller provides for a monitored recharge of the battery.

#### Ordering Information

Item Code	Part #	Description
MSMPS104B	806042	Power Supply, 20-55VDC in, 5V 10A out, 12V 1A out, EN50155
PS12BAT	806044	Rechargeable lead battery pack, 12V/2Ah (to be used w/MSMPS104B)
PSCS-cooler	806046	Heatpipe cooling solution for MSMPS104A/B

Data subject to change without notice