



## Overview Technical Data

## ServicePLUS



## The advantages at a glance

### Switched-mode & linear

- Output data at 50 °C ambient temperature and derating from 50 °C to 70 °C
- Available in single, dual, triple and quad outputs

### Switched-mode

- Wide range mains/line input voltage ( $90 V_{AC} - 264 V_{AC}$ ) with active power factor correction (PFC), DC converter:  $20 V_{DC} - 72 V_{DC}$
- Signalling: output voltage 'OK'
- Active current share bus (CSB)
- Efficiency up to 90 %

### Linear

- Mains/line voltage  $230 V_{AC}$ , can be reset to  $115 V_{AC}$
- High control accuracy, low residual ripple and very low interference
- Suitable for medical applications

### configuration

Power supplies configurator on the Internet (powersearch)

### assembly

Assembly for front panels and handles

### modification

E. g. modification of output voltage

### solution

Customer-specific solutions

### support

Internal service department (e. g. repair service, upgrades)

### academy

E. g. manuals, certificates, test reports on the Internet

### lifecycle

Development and project management for power supplies

All power supplies available ex stock

Almost all power supplies are certified in accordance with UL and VDE

Every power supply 100 % tested:  
AOI, ICT, function, safety and burn-in > 8 h

Calculated MTBF >> 200,000 h at 40 °C

Measured failure rate of 19" power supplies (telecom)  
< 0.07 % at 70,000 power supplies

Company internal CE/EMC test laboratory

### Schroff UK Ltd

Maylands Avenue Hemel Hempstead  
Herts, HP2 7DE

Tel: +44 (0) 240471 · Fax: +44 (0) 1442 213508

Email: [schroff-sales@schroff.co.uk](mailto:schroff-sales@schroff.co.uk)

[www.schroff.co.uk/powersupplies](http://www.schroff.co.uk/powersupplies)

# Power Supplies

19" compatible, 3 U  
switched-mode and linear  
AC/DC and DC/DC



Full technical data on all PSU's can be found using one-click search function on our website.



For further information please see

[www.schroff.co.uk/ServicePlus](http://www.schroff.co.uk/ServicePlus)

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Switched-mode



Switched-mode



Linear



Linear DC/DC converters



slimpower single, 42 W, 3 HP

Voltage V	Current A	Power W	Type	Order No.
5	6	30	SLE 105	13100-136
12	3,5	42	SLE 112	13100-137
15	2,8	42	SLE 115	13100-138
24	1,7	41	SLE 124	13100-139

ecopower single, 200 W, 6 HP

Voltage V	Current A	Power W	Type	Order No.
56	3,7	200	SEC 148-200	13190-051

single output, 8 W - 60 W

Voltage V	Current A	Power W	HP	Type	Order No.
5	1,5	8	6	PSK 105	13105-001
5	4	20	10	PSM 105	13105-006
5	6	30	14	PSG 105	13105-011
12	1,1	13	6	PSK 112	13105-002
12	2,8	31	10	PSM 112	13105-007
12	4,2	50	14	PSG 112	13105-012
15	1	15	6	PSK 115	13105-003
15	2,2	33	10	PSM 115	13105-008
15	3,5	53	14	PSG 115	13105-013
24	0,6	16	6	PSK 124	13105-004
24	1,5	36	10	PSM 124	13105-009
24	2,5	60	14	PSG 124	13105-014

triple output, 7 W - 39 W

Voltage V	Current A	Power W	HP	Type	Order No.
5/12/12	0,5/0,2/0,2	8	6	PSK 312	13105-051
5/12/12	1,5/0,5/0,5	20	10	PSM 312	13105-052
5/12/12	3/1/1	39	14	PSG 312	13105-053

ecopower single, 50 W, 6 HP

Voltage V	Current A	Power W	Type	Order No.
5	9	45	SEK 105	13100-043
12	4,2	51	SEK 112	13100-044
15	3,4	51	SEK 115	13100-041
24	2,1	51	SEK 124	13100-045
48	1,1	53	SEK 148	13100-046

maxpower single, adjustable, 100 W, 6 HP

Voltage V	Current A	Power W	Type	Order No.
4,5-17	5,9	100	MAX LR	13100-133
16-30	3,4	102	MAX UR	13100-134

maxpower dual, 100 W, 8 HP

Voltage V	Current A	Power W	Type	Order No.
5/12	9/4	93	MAX 2512	13100-112
5/24	9/2	93	MAX 2524	13100-114
12/12	4,2	101	MAX 212	13100-115
15/15	3,4	102	MAX 215	13100-116

coolpower DC/DC converter, 100 W, 6 HP

Input voltage 20 V<sub>DC</sub> - 72 V<sub>DC</sub>

Voltage V	Current A	Power W	Type	Order No.
5	20	100	CPDC 105	13103-002
12	8,5	102	CPDC 112	13103-003
15	6,7	100	CPDC 115	13103-004
12/12; 24	4,5	108	CPDC 212	13103-007
5/12/12	10/2/2	98	CPDC 312	13103-016

maxpower single, 100 W, 6 HP

Voltage V	Current A	Power W	Type	Order No.
5	16	80	MAX 105	13100-102
12	8,3	100	MAX 112	13100-103
15	6,6	99	MAX 115	13100-104
24	4,2	101	MAX 124	13100-105

maxpower triple, 100 W, 8 HP

Voltage V	Current A	Power W	Type	Order No.
5/12/12	8/2,5/2,5	100	MAX 312	13100-122
5/15/15	8/2/2	100	MAX 315	13100-123

maxpower single, 180 W, 8 HP

Voltage V	Current A	Power W	Type	Order No.
5	30	150	MAX 180-105	13100-150
12	13	156	MAX 180-112	13100-151
15	11	165	MAX 180-115	13100-152
24	7	168	MAX 180-124	13100-153

ecopower triple, 130 W, 12 HP

Voltage V	Current A	Power W	Type	Order No.
5/12/12	16/2,8/1,4	132	SEG 312	13100-078
5/15/15	16/2,2/1,1	132	SEG 315	13100-079

dual output, 10 W - 58 W

Voltage V	Current A	Power W	HP	Type	Order No.
5/5	1,4/ 1,4	14	10	PSM 205	13105-021
12/12	0,4/0,4	10	6	PSK 212	13105-017
12/12	1/1	24	10	PSM 212	13105-022
12/12	1,5/1,5	36	14	PSG 212	13105-027
15/15	0,4/0,4	12	6	PSK 215	13105-018
15/15	1/1	30	10	PSM 215	13105-023
15/15	1,5/1,5	45	14	PSG 215	13105-028
24/24	1,2/1,2	58	14	PSG 224	13105-029

maxpowerPRO quad, 250 W, 8 HP

Voltage V	Current A	Power W	Type	Order No.
5/3,3/12/12	40/40/5,5/2	250	CPCI 250 AC	13100-141

U = Unit height (1 U = 44,45 mm) HP = Unit width (1 HP = 5,08 mm)

