



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

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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

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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_{DC} - 72 V_{DC}

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)

