



ADJUSTABLE POWER SUPPLIES

800W plug-in switch power pack for Telecom and industrial applications



- Compact size, 800W in 3U / 17TE
- Output voltages available 0...120VDC
- Voltage and current adjustable from 0 to max value
- Modules plug-in types and hot-swappable
- Module alarm for remote monitoring
- Meets PFC and telecom standards
- Both vertical 3U and horizontal 2U installation



RMSR 7110, 19" 3U subrack, 3200W / 4 modules



RMSR 7110, 19" 2U subrack, 2400W / 3 modules

SWITCH POWER PACK MODULES

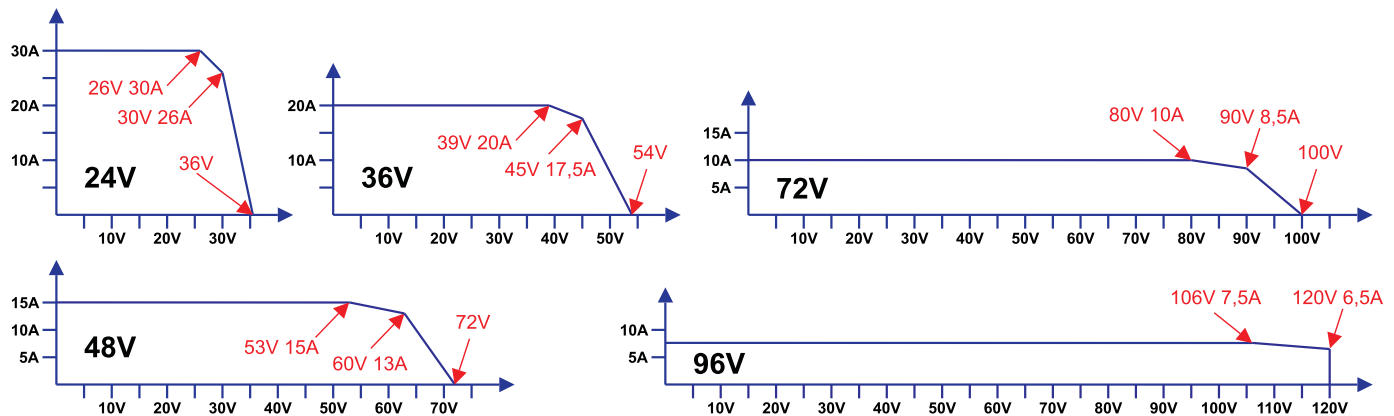
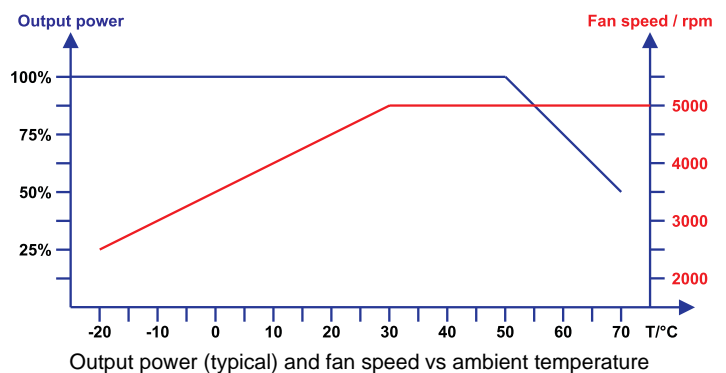
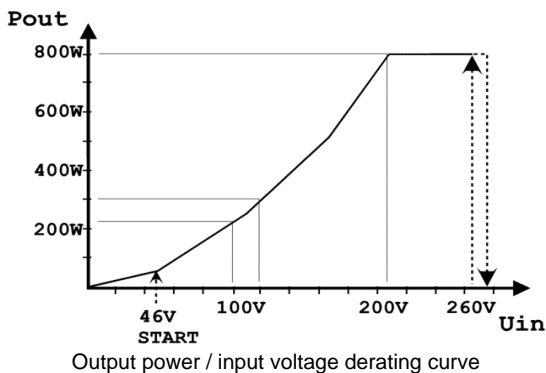
Type (Refer curves below)	Input voltage*)	Nominal output voltage	Voltage setting range	Max output current	Current limit setting	Max power	Mechanics (w x h x d) in mm
RADC 7180/24	50...260 VAC	24 VDC	0-36VDC	30 A	0-30A	800W	17TE / 3U / 230
RADC 7180/36	50...260 VAC	36 VDC	0-54VDC	20 A	0-20A	800W	17TE / 3U / 230
RADC 7180/48	50...260 VAC	48 VDC	0-72VDC	15 A	0-15A	800W	17TE / 3U / 230
RADC 7180/72	50...260 VAC	72 VDC	0-108VDC	10 A	0-10A	800W	17TE / 3U / 230
RADC 7180/96	50...260 VAC	96 VDC	0-120VDC	7.5A	0-7.5A	800W	17TE / 3U / 230

*) Reduced power 50...200VAC, see curve next page
Also DC input 50...260VDC, max power 600W

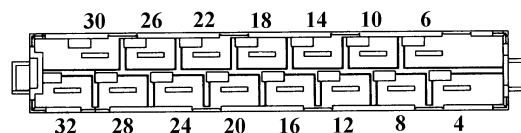


TECHNICAL DATA

INPUT VOLTAGE:	50...260 VAC (50...200VAC reduced power, see curve below) 50...260 VDC/max 600W (50...200VDC reduced power)
MAX. INPUT CURRENT:	4,5A
POWER FACTOR:	Electrically corrected to 1
MAX. POWER OUTPUT:	800W (250W@ 110VAC input)
EFFICIENCY:	85...90%
SWITCHING FREQUENCY:	> 100kHz
RIPPLE VOLTAGE:	< 50mVrms
ISOLATION:	3750V AC between INPUT/OUTPUT 1500V AC between INPUT/CASE 500V AC between OUTPUT/CASE
COOLING:	Temperature controlled FAN
WEIGHT:	1.3kg
DIMENSIONS LxWxH	230 x 112 x 73 mm (19" 3U 4 modules per rack, 19" 2U 3 modules per rack)
PROTECTION CLASS:	Mechanical IP 20, Electrical 1
APPROVALS:	EN 60 335-2-29 (1991) + A2 (1993) EN 50081-1 (1992) EN 55022 Class B (1994) EN 61000-3-2 (1995) EN 61000-3-3 (1995) EN 50082-2 (1995) EN 50082-1 (1997)
FURTHER FEATURES:	Hot swapping allowed, Module fail relay, Voltage sense feedback



H15 connector's pin configuration:



Pin number	Function
4	Module alarm relay
6	Module alarm relay
8	Sense -
10	Sense +
12	Negative output
14	Negative output
16	Negative output
18	Positive output

Pin number	Function
20	Positive output
22	Positive output
24	Earth
26	Not in use
28	Phase L
30	Phase N
32	Earth (PE)