

DC Power Supplies

Amps	Volts	Watts	Mains Load
1	12	12	80mA
2	12	24	160mA
3	12	36	240mA
4	12	48	320mA
5	12	60	400mA
6	12	72	480mA
7	12	84	560mA
8	12	96	640mA
9	12	108	720mA
10	12	120	800mA
1	24	24	160mA
2	24	48	320mA
3	24	72	480mA
4	24	96	640mA
5	24	120	800mA
6	24	144	960mA
7	24	168	1.12A
8	24	192	1.28A
9	24	216	1.44A
10	24	240	1.6A

AC Power Supplies

VA	Volts	Mains Load
50	12 or 24	330mA
100	12 or 24	660mA
160	12 or 24	1.06A
200	12 or 24	1.33A
240	12 or 24	1.81A
300	12 or 24	2A
400	12 or 24	2.64A
500	12 or 24	3.33A
600	12 or 24	4A

To work out the Watts of heat on a PSU for air conditions as follows:

Output Amperage x Volts x 70%

eg:

2 amp output at 24 volt = $2 \times 24 \times 70\% = 33\text{Watts}$.

If standby batteries are being used add 20 Watts to the total to become 53 Watts.