

Features

- 1-phase switch mode power supplies
- Wide temperature range -25°C to 70°C

Technical Data

Model

Type

Input voltage

Input frequency

Input current

Standby power

Power factor

Inrush current

Recommend fuse

Efficiency (typ)

Output voltage

Output current

Output power

Boost output current

Base Ripple

Line regulation

Load regulation

Hold up time

Over current, Over voltage,
Over temperature,
Short circuit protection

Signaling

Insulation (P to S)

Operating temperature range

Operation humidity range

Operation altitude

Dimensions (D × W × H)

Approvals

MTBF(40degC)

Weight

WAT-0001-11

PREMIUM 1AC/24DC/20A

Rated: 120Vac-240Vac
Range:108Vac-264Vac

45-65Hz

2.5A @ 230Vac, 5A @ 120Vac

<10W

> 0.9 (100VAC)

<20A

8A Character C circuit breaker

>88%

20-28.5Vdc (adjustable),
>24V Constant Power

20A

480W

24A up to 40 deg C permanently

<50mVp-p (Iout=20A)

+/-1%

+/-1%(static), +/-2%(dynamic)

>25ms @ 240Vac

Yes

DC OK signal, LED, Power boost

3 KV AC

-25°C to 70°C
($>50^{\circ}\text{C}$ Derating 2.5%/K)

< 95%

5000M, >2000M with derating

125 X 90 X 130mm

CE,CB,Ex, UL508, EN62368

>500,000hrs

2.6kg

PREMIUM 1AC/24DC/20A



- Output status signaling
- Slim design with metal chassis