



PREMIUM 1AC/24DC/20A



Features

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

- Output status signaling
- Slim design with metal chassis

Technical Data

Model	WAT-0001-11
Type	PREMIUM 1AC/24DC/20A
Input voltage	Rated: 120Vac-240Vac Range:108Vac-264Vac
Input frequency	45-65Hz
Input current	2.5A @ 230Vac, 5A @ 120Vac
Standby power	<10W
Power factor	> 0.9 (100VAC)
Inrush current	<20A
Recommend fuse	8A Character C circuit breaker
Efficiency (typ)	>91%
Output voltage	20-28.5Vdc (adjustable), >24V Constant Power
Output current	20A
Output power	480W
Boost output current	24A up to 40 deg C permanently
Base Ripple	<50mVp-p (Iout=20A)
Line regulation	+/-1%
Load regulation	+/-1%(static), +/-2%(dynamic)
Hold up time	>25ms @ 240Vac
Over current, Over voltage, Over temperature, Short circuit protection	Yes
Signaling	DC OK signal, LED, Power boost
Insulation (P to S)	3 KV AC
Operating temperature range	-25 °C to 70 °C (>50°C Derating 2.5%/K)
Operation humidity range	< 95%
Operation altitude	5000M, >2000M with derating
Dimensions (D × W × H)	135 X 90 X 130mm
Approvals	CE, CB, UL508, EN62368
MTBF(40degC)	>500,000hrs
Weight	2.6kg