



**PREMIUM 1AC/24DC/1.3A**



**Features**

- 1-phase switch mode power supplies
- Slim design with plastic chassis

- Wide temperature range -25 °c to 70 °c
- Output status signaling

**Technical Data**

Model	WAT-0009-01
Type	Premium 1AC/24DC/1.3A
Input voltage	Rated : 100Vac-240Vac Range : 85Vac-264Vac (<90Vac Derating 2.5%/V)
Input frequency	45-65Hz
Input current	0.39A @ 240Vac, 0.7A @ 100Vac
Standby power	<4W
Power factor	>0.5 (100VAC)
Inrush current	< 15A
Recommend fuse	1.25A Character C circuit breaker
Efficiency (typ)	>85%
Output voltage	20-28.5Vdc(adjustable)>24V Constant Power
Output current	1.3A
Output power	31.2W
Boost output current	1.6A up to 40deg C permanently
Base Ripple	<50mVp-p(Iout=1.3A)
Line regulation	+/-1%
Load regulation	+/-1%(static), +/-2%(dynamic)
Hold up time	>15ms @120Vac
Over current, Over voltage, Over temperature, Short circuit protection	Yes
Signaling	Power OK LED
Insulation (P to S)	3 KV AC
Operating temperature range	-25 C to 70 °C (> 60 °C Derating 2.5%/K)
Operation humidity range	< 95%
Operation altitude	5000M, >2000M with derating
Dimensions (D × W × H)	108.2X24X91.5 mm
Approvals	CE, CB, Ex, UL508, EN62368
MTBF(40degC)	>500,000hrs
Weight	0.4kg