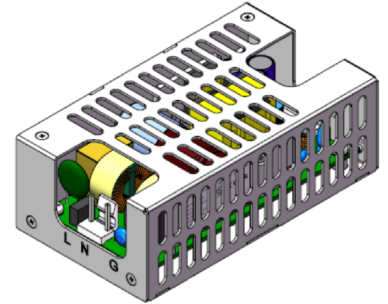
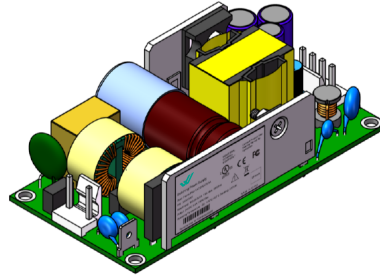




Open Frame PSU 130W & Cover type 70W



Features

- 1-phase switching mode power supply
- Wide temperature range -25°C to 70°C
- Compact Size
- Slim design with metal chassis

Technical Data

OPEN Frame Power Supply

Model	WAT-1003-01	WAT-1003-02
Type	Open Frame PSU 1AC/24DC/5.4A	Cover PSU 1AC/24DC/2.9A
Input voltage	Rated:100Vac-240Vac Range:90Vac-264Vac	Rated:100Vac-240Vac Range:90Vac-264Vac
Input frequency	50/60Hz	50/60Hz
Input current	1.1A @ 230Vac, 0.9A @ 115Vac	0.8A @ 230Vac, 0.5A @ 115Vac
Recommend fuse	3.15A Character C circuit breaker	3.15A Character C circuit breaker
Output voltage	22-28Vdc (adjustable)	22-28Vdc (adjustable)
Output current	5.4A	2.9A
Output power	24VDC 5.4A Max.130W With forced-cooled >10CFM 24VDC 4.1A Max.100W Convection-Cooled	24VDC 2.9A Max.70W Convection-Cooled
Ripple & noise	<100mVp-p(Iout=10A)	<100mVp-p(Iout=20A)
Efficiency	>85%	>85%
Line regulation	+/-1%	+/-1%
Load regulation	+/-2%(static), +/-3%(dynamic)	+/-2%(static), +/-3%(dynamic)
Hold up time	>20ms @115Vac	>20ms @115Vac
Over current protection	Yes	Yes
Output overvoltage protection	Yes	Yes
Operating temperature range	-25°C to 70°C Derating from : > 50°C derating 2.5%/K	-25°C to 70°C Derating from : > 50°C derating 2.5%/K
Dimensions (D × W × H)	101x50x30 mm	114x64x39 mm
Approvals	IEC62368 CB Report ,UL/C-UL62368 , EN62368 TUV Certificate	IEC62368 CB Report ,UL/C-UL62368 , EN62368 TUV Certificate
EMC	EN55011/22 CE Class B /RE Class A /FCC	EN55011/22 CE Class B/RE Class B / FCC
MTBF(40degC)	>500000hrs	>500000hrs
Weight	0.2kg	0.3kg