

ORION-300DX/24/48

300W -48V & 24V DC input
DC/DC PS/2 ATX power supply



SPECIFICATION

Input Voltage	-40V~-72V DC for ORION-300DX/48 19V~32V DC for ORION-300DX/24
Input Frequency	10A@-48V, 20A@24V DC input
Input Current	> 65%
Efficiency	+5V: 5.6 ~ 6.5V
Holdup Time	116,858 hrs
Over Voltage Protection	UL, cUL, TUV, CE, FCC
Over Power/Load Protection	0 ~ 70°C (-20°C can start up) The maximum output power should be under the cabinet temperature 30°C
MTBF	116,858 hrs
EMI & Safety Approval	UL, cUL, TUV, CE, FCC
Temperature/Humidity	Operating: 0 ~ 40°C, 10 ~ 90%RH Storage: -60 ~ 70°C, 5 ~ 95%RH
Dimension (WxDxH)	150x140x86 mm; 5.9"x5.5"x3.4"

FEATURES

- PS/2 ATX power supply suitable for 2U and up chassis
- ORION-300DX/24 for +24V DC input, suitable for vehicle applications
- ORION-300DX/48 for -48V DC input, suitable for telecommunication applications
- Max. -12V output is 2A, suitable for CTI application

ORDERING GUIDE

- **ORION-300DX/48**
300W -48V DC input DC/DC PS/2 ATX power supply
- **ORION-300DX/24**
300W 24V DC input DC/DC PS/2 ATX power supply

DC OUTPUT

	+5	+3.3V	+12V	-5V	-12V	+5Vsb
Max. Load	30A	28A	15A	0.3A	0.8A	2A
Min. Load	2A	0.3A	0.5A	0A	0A	0A
Max. Watt.	180W	180W	180W	1.5W	9.6W	10W
Load Reg.	±5%	±3%	±5%	±10%	±5%	±5%
Cross Reg.	±5%	±3%	±5%	±10%	±5%	±5%
Line Reg.	±1%	±1%	±1%	±1%	±1%	±1%
Ripple	±1%	±1.5%	±1%	±2%	±1%	±1%
Noise	±1%	±1.5%	±1%	±2%	±1%	±1%