

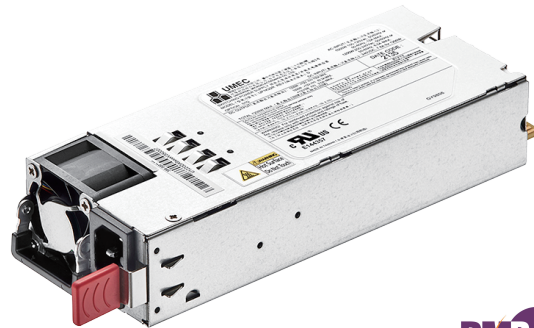
UP1K22R-0166G

Common Redundant Power Supply



AC/DC 1200W Hot-swappable Redundant Power

- ▶ Universal Input 90 to 264 VAC
- ▶ HVDC Input 190 to 310 VDC
- ▶ PMBus Support
- ▶ PCB Card - Edge connector output
- ▶ OVP, OCP, OTP, SCP and Fan Fault Protection
- ▶ LED indicator for Power System Fault Signal.
- ▶ EMC Meets FCC / ICES-003, CISPR 32 , EN55032 Class A, EN55035
- ▶ Active Power Factor Correction for EN61000-3-2 Class A
- ▶ Safety standard to meet: UL / CUL 62368-1, CB
- ▶ RoHS Compliant
- ▶ 80Plus Gold compliance



Input Specifications

Input Voltage	90 - 264VAC
Frequency	47 - 63 Hz
HVDC	190 - 310V
Inrush Current	55A peak

General Specifications

Hold-up Time	10mS (80% loading)	
Leakage Current	1.6 mA	
Hi-pot Isolation	UL62368-1	
Operating Temperature	0 °C to +50 °C	
Storage Temperature	-40°C to +70°C	
Humidity	Operating Humidity	5% to 90% relative humidity (non-condensing)
	Non-Operating Humidity	5% to 95% relative humidity (non-condensing)
Cooling	FAN Cooling	
PMBus Support	PMBus 1.2 & SMBus 2.0 Revision	
IPMI Support	Platform Management FRU Information V1.0 Revision	

Output Specifications

Output Power	1200Watt (max.)
Total Regulation	±5 %
Ripple & Noise	120 mVp-p
Temperature Coefficient	±5 °C

Physical Specifications

Dimension	39(H) x 73.5mm(W) x185(L) mm
Weight	850g±10%

Models

Model Number	Single Output Voltage (V.DC)	Output Current (A max.)	Ripple & Noise
UP1K22R-0166G	+12V	83.3A for 90Vac~136Vac 100A for 180Vac~264Vac	120 mVp-p
	+12VSB	3A	
Safety standard	CE, UL/CUL, CB, FCC		
Safety to meet	UL62368-1/CSA 62368-1, IEC60950-1, IEC62368-1, CE - Low Voltage Directive 2014/35/EU (Europe), GB4943 - CNCA Certification (China)		

Dimension

