

Features :

- AC input range selectable by switch
- High reliability and low ripple noise
- Built-in remote sense function
- Built-in remote ON/OFF control
- Programmable output voltage
- Forced current sharing at parallel operation
- Output short circuit / over voltage / overload / over temperature protections





Protection Over Voltage	MODEL		800S-N012	800S-N015	800S-N024	800S-N048
Rated Power 792W 795W 792W 796W 796W	Output	DC Voltage	12V	15V	24V	48V
Output Ripple & Noise (max.) 150mVp-p 150mVp-p 240mVp-p 480mVp-p 480mVp-p Voltage Adj. Range ±5% typical adjustment by potentiometer; 20% ~ 100% adjustment by 1 ~ 5VDC external control Line & Load Regulation Less than 1% Setup, Rise, Hold Time 800ms, 50ms, 16ms at full load Voltage Range 90 ~ 130VAC / 180 ~ 260VAC Frequency Range 47 ~ 63Hz Efficiency (Typ.) 60A / 230VAC 81% 85% 87% Inrush current (Typ.) 60A / 230VAC 40 ~ 63Hz 85% 87% Leakage Current (max.) < 3.5mA / 240VAC 3.5mA / 240VAC 81% 85% 87% Protection Over Load 105 ~ 115% rated output power (Current limiting, delay shot down output voltage, re-power on to recover) 70°C / measure by heat sink, near transformer (shut down output voltage, re-power on to recover) 80°C / 100°C / measure by heat sink, near transformer (shut down output voltage, re-power on to recover) Environment **Storage Temp.& Humidity -10 ~ +50°C; 20% – 90% RH non-condensing 40 ~ 60°C / 60°C		Rated Current	66A	53A	33A	16.6A
Voltage Adj. Range		Rated Power	792W	795W	792W	796W
Line & Load Regulation Less than 1%		Ripple & Noise (max.)	150mVp-p	150mVp-p	240mVp-p	480mVp-p
Setup, Rise, Hold Time		Voltage Adj. Range	±5% typical adjustment by potentiometer; 20% ~ 100% adjustment by 1 ~ 5VDC external control			
Notage Range		Line & Load Regulation	Less than 1%			
Input		Setup, Rise, Hold Time	800ms, 50ms, 16ms at full load			
Input Efficiency (Typ.) 80% 81% 85% 87%	Input	Voltage Range	90 ~ 130VAC / 180 ~ 260VAC			
Inrush current (Typ.) 60A / 230VAC Leakage Current (max.) < 3.5mA / 240VAC Over Load 105 ~ 115% rated output power (Current limiting, delay shot down output voltage, re-power on to recover) Over Voltage 110 ~ 135% follow to output set up point(shut down output voltage, re-power on to recover) Over Temperature 2100°C / measure by heat sink, near transformer (shut down output voltage, re-power on to recover) Working Temp. & Humidity -10 ~ +50°C; 20% ~ 90% RH non-condensing Storage Temp. & Humidity -20 ~ +85°C, / 10 ~ 95%RH Temp.Coefficint ±0.04% / °C (0 ~ 50°C) Safety Standards Meet UL 1950, IEC60950 Withstand Voltage I/P - O/P, I/P - FG: 1.5KVAC Isolation Resistance I/P - O/P, I/P - FG: 100M Ohms / 500VDC EMI Conduction & Radiation Meet FCC part15 classA Harmonic Current EMS Immunity EMS Immunity 5pecial Function DC voltage adjRemote sensing, Remote control, Parallel operation MTBF 120K Hrs min. MIL-HDBK-217F(25°C) Dimension (L*W*H)(mm) 291x132.5x67.5		frequency Range	47 ~ 63Hz			
Leakage Current (max.) < 3.5mA / 240VAC		Efficiency (Typ.)	80%	81%	85%	87%
Protection Over Load 105 ~ 115% rated output power (Current limiting, delay shot down output voltage, re-power or to recover) Over Voltage 110 ~ 135% follow to output set up point(shut down output voltage, re-power on to recover) >100°C / measure by heat sink, near transformer (shut down output voltage, re-power on to recover) Working Temp. & Humidity -10 ~ +50°C; 20% ~ 90% RH non-condensing Storage Temp. & Humidity -20 ~ +85°C, / 10 ~ 95%RH Temp.Coefficint ±0.04% / °C (0 ~ 50°C) Safety Standards Meet UL 1950,IEC60950 Withstand Voltage I/P - O/P, I/P - FG: 1.5KVAC Isolation Resistance EMI Conduction & Radiation Harmonic Current EMS Immunity EMS Immunity Special Function MTBF 120K Hrs min. MIL-HDBK-217F(25°C) Dimension (L*W*H)(mm) 291x132.5x67.5		(51)	60A / 230VAC			
Protection Over Voltage		Leakage Current (max.)	< 3.5mA / 240VAC			
Over Temperature >100°C / measure by heat sink, near transformer (shut down output voltage, re-power on to recover) Working Temp. & Humidity -10 ~ +50°C; 20% ~ 90% RH non-condensing Storage Temp. & Humidity -20 ~ +85°C, / 10 ~ 95%RH Temp.Coefficint ±0.04% / °C (0 ~ 50°C) Safety Standards Meet UL 1950,IEC60950 Withstand Voltage I/P - O/P, I/P - FG: 1.5KVAC Isolation Resistance I/P - O/P, I/P - FG: 100M Ohms / 500VDC EMI Conduction & Radiation Meet FCC part15 classA Harmonic Current EMS Immunity Special Function DC voltage adj., Remote sensing, Remote control, Parallel operation MTBF 120K Hrs min. MIL-HDBK-217F(25°C) Dimension (L*W*H)(mm) 291x132.5x67.5	Protection	Over Load	105 ~ 115% rated output power (Current limiting, delay shot down output voltage, re-power on to recover)			
Working Temp. & Humidity		Over Voltage	110 ~ 135% follow to output set up point(shut down output voltage, re-power on to recover)			
Storage Temp.& Humidity -20 ~ +85°C, / 10 ~95%RH Temp.Coefficint ±0.04% / °C (0 ~ 50°C) Safety Standards Meet UL 1950,IEC60950 Withstand Voltage I/P - O/P, I/P - FG :1.5KVAC Isolation Resistance I/P - O/P, I/P - FG, O/P - FG : 100M Ohms / 500VDC EMI Conduction & Radiation Meet FCC part15 classA Harmonic Current EMS Immunity Special Function DC voltage adj.,Remote sensing, Remote control, Parallel operation MTBF 120K Hrs min. MIL-HDBK-217F(25°C) Dimension (L*W*H)(mm) 291x132.5x67.5		Over Temperature				
Temp.Coefficint ±0.04% / °C (0 ~ 50°C) Safety Standards Meet UL 1950,IEC60950 Withstand Voltage I/P - O/P, I/P - FG :1.5KVAC Isolation Resistance I/P - O/P, I/P - FG : 100M Ohms / 500VDC EMI Conduction & Radiation Meet FCC part15 classA Harmonic Current EMS Immunity Special Function DC voltage adj.,Remote sensing, Remote control, Parallel operation MTBF 120K Hrs min. MIL-HDBK-217F(25°C) Dimension (L*W*H)(mm) 291x132.5x67.5	Environment	Working Temp. & Humidity	-10 ~ +50°C; 20% ~ 90% RH non-condensing			
Safety Standards Meet UL 1950,IEC60950 Withstand Voltage I/P - O/P, I/P - FG : 1.5KVAC Isolation Resistance I/P - O/P, I/P - FG : 100M Ohms / 500VDC EMI Conduction & Radiation Meet FCC part15 classA Harmonic Current EMS Immunity Special Function DC voltage adj.,Remote sensing, Remote control, Parallel operation MTBF 120K Hrs min. MIL-HDBK-217F(25°C) Dimension (L*W*H)(mm) 291x132.5x67.5		Storage Temp.& Humidity	-20 ~ +85°C, / 10 ~95%RH			
Withstand Voltage I/P - O/P, I/P - FG : 1.5KVAC Isolation Resistance I/P - O/P, I/P - FG : 100M Ohms / 500VDC EMI Conduction & Radiation Meet FCC part15 classA Harmonic Current EMS Immunity Special Function DC voltage adj.,Remote sensing, Remote control, Parallel operation MTBF 120K Hrs min. MIL-HDBK-217F(25°C) Dimension (L*W*H)(mm) 291x132.5x67.5		Temp.Coefficint	±0.04% / °C (0 ~ 50°C)			
Isolation Resistance	Safety & EMC	Safety Standards	Meet UL 1950,IEC60950			
EMI Conduction & Radiation Meet FCC part15 classA Harmonic Current EMS Immunity Special Function DC voltage adj.,Remote sensing, Remote control, Parallel operation MTBF 120K Hrs min. MIL-HDBK-217F(25°C) Dimension (L*W*H)(mm) 291x132.5x67.5		Withstand Voltage	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
EMI Conduction & Radiation Meet FCC part 15 class A		Isolation Resistance	I/P - O/P, I/P - FG, O/P - FG : 100M Ohms / 500VDC			
EMS Immunity Special Function DC voltage adj.,Remote sensing, Remote control, Parallel operation MTBF 120K Hrs min. MIL-HDBK-217F(25°C) Dimension (L*W*H)(mm) 291x132.5x67.5		EMI Conduction & Radiation	Meet FCC part15 classA			
Others Special Function DC voltage adj.,Remote sensing, Remote control, Parallel operation 120K Hrs min. MIL-HDBK-217F(25°C) Dimension (L*W*H)(mm) 291x132.5x67.5		Harmonic Current				
MTBF 120K Hrs min. MIL-HDBK-217F(25°C) Dimension (L*W*H)(mm) 291x132.5x67.5		EMS Immunity				
Others Dimension (L*W*H)(mm) 291x132.5x67.5	Others					
Dimension (L*W*H)(mm) 291x132.5x67.5		MTBF	120K Hrs min. MIL-HDBK-217F(25°C)			
		Dimension (L*W*H)(mm)				
Packing 2.3kg; 8sets / 22kgs / Carton		Packing	2.3kg; 8sets / 22kgs / Carton			