

Eaton Power-Sure 800

Superior power conditioning for industrial, commercial and medical equipment



Features

- Superior isolation
- Tight voltage regulation
- High immunity to distortion
- Lightning and surge protection
- Protection against power interruptions
- Power factor correction
- Bi-directional harmonic filtering
- Meets ANSI standards for computers with inputs as low as 50 percent of nominal
- UL 1012, UL 544 and cUL Listed
- K-30 rated design

Technical specifications

- **Line regulation:** +/- 2% V-out for +10% to -20% V-in at 100% Load
- **Load regulation:** +/-3% for 0% to 100% load
- **Immunity to distortion:** @ 40% THD V-in, 5% Max THD V-out
- **Ride-through capability:** 1 cycle
- **Voltage recovery:** 2 cycles to 95%, 3 cycles to 100%
- **K-factor:** K-30 rated
- **Power factor correction:** Input of 0.95 typical
- **Harmonic attenuation:** -23 dB for load reflected harmonics
- **Galvanic isolation:** NEC 250-5d, 0.001 PF
- **Surge protection:** UL 1449 Rating 330 V; ANSI/IEEE 62.41-Cat B3
- **Common mode noise attenuation:** 140 dB
- **Transverse mode noise attenuation:** 120 dB
- **Reliability:** 200,000 hours (MTBF)
- **Audible noise:** 52 dB to 56 dB measured at 1 meter, A scale
- **Efficiency:** Approximately 92% at full load
- **Operating temperature:** -20°C to +40°C
- **Safety:** Underwriters Laboratories UL 1012 - UL 544 - cUL
- **Two-year warranty**

Eaton® Power-Sure™ 800 power conditioners provide high quality power with inherent surge protection, noise and bi-directional harmonic filtering, as well as superior isolation. These units range from office models to floor or wall/panel mounted industrial models and provide an excellent solution for any application with noisy or poor power quality.

Custom output receptacles – 5-15 kVA office models only

Part Number	NEMA Receptacles	Volts	Amps	Output panels used
H5261	(1) 5-15R	120	15	1
H5262	(2) 5-15R	120	15	1
H5361	(1) 5-20R	120	20	1
H5362	(2) 5-20R	120	20	1
H9308	(1) 5-30R	120	30	1.5
H5661	(1) 6-15R	208/240	15	1
H5662	(2) 6-15R	208/240	15	1
H5461	(1) 6-20R	208/240	20	1
H5462	(2) 6-20R	208/240	20	1
H9330	(1) 6-30R	208/240	30	1.5
H9367	(1) 6-50R	208/240	50	1.5
H8410	(1) 14-20R	120/240	20	1
H9430	(1) 14-30R	120/240	30	1.5
H4710	(1) L5-15R	120	120	1
H4700	(2) L5-15R	120	15	1
H2310	(1) L5-20R	120	20	1
H2610	(1) L5-30R	120	30	1
H4560	(1) L6-15R	208/240	15	1
H4550	(2) L6-15R	208/240	15	1
H2320	(1) L6-20R	208/240	20	1
H2620	(1) L6-30R	208/240	30	1
H2410	(1) L14-30R	120/240	20	1
H2710	(1) L14-30R	120/240	30	1

NOTE: For isolated ground receptacles, add IG to Part Numbers



Powering Business Worldwide

POWER-SURE 800 MODELS

Office models (with receptacles)

Part Number	Rating		Input Voltage	Output Voltage	Input Interface	Output Interface	Dimensions	
	(VA/Watts)						W x D x H (in)	Weight (lb)
T800R-00250	250/250		120	120	5-15P	(2) 5-20R	8.50 x 12.75 x 9.50	29
T800R-00500	500/400		120	120	5-15P	(4) 5-20R	8.50 x 12.75 x 9.50	32
T800R-00700	700/500		120	120	5-15P	(4) 5-20R	8.50 x 12.75 x 9.50	35
T800R-00850	850/600		120	120	5-15P	(4) 5-20R	8.50 x 12.75 x 9.50	37
T800R-01000	1,000/700		120	120	5-15P	(4) 5-20R	8.50 x 12.75 x 17.50	46
T800R-01600	1,600/1,200		120	120	5-15P	(4) 5-20R	8.50 x 12.75 x 17.50	62
T800R-02100	2,100/1,500		120	120	5-20P	(4) 5-20R	8.50 x 12.75 x 17.50	65
T800R-02500	2,500/1,750		120	120	5-30P	(4) 5-20R	8.50 x 12.75 x 17.50	68
T800R-03500	3,500/2,450		120	120/240	5-50P	(4) 5-20R	8.50 x 12.75 x 17.50	72
T800R-03501	3,500/2,450		208/240	120/240	6-20P	(4) 5-20R	8.50 x 12.75 x 17.50	73
T800R-05000	5,000/3,500		208/240	120/240	Hardwired	Custom*	15.00 x 23.75 x 22.50	176
T800R-07500	7,500/5,250		208/240	120/240	Hardwired	Custom*	15.00 x 23.75 x 22.50	210
T800R-10000	10,000/7,000		208/240	120/240	Hardwired	Custom*	15.00 x 23.75 x 22.50	256
T800R-15000	15,000/10,500		208/240	120/240	Hardwired	Custom*	15.00 x 23.75 x 22.50	314

Industrial models (hardwired wall-/panel-mount)

T800P-00250	250/250	Range 1	120	Hardwired	Hardwired	8.50 x 10.50 x 8.00	29
T800P-00500	500/500	Range 1	Range 3	Hardwired	Hardwired	9.00 x 14.00 x 10.00	52
T800P-00750	750/750	Range 1	Range 3	Hardwired	Hardwired	9.00 x 14.00 x 10.00	60
T800P-01000	1,000/1,000	Range 1	Range 3	Hardwired	Hardwired	9.00 x 14.00 x 10.00	82
T800P-01500	1,500/1,500	Range 1	Range 3	Hardwired	Hardwired	13.00 x 16.50 x 14.75	106
T800P-02000	2,000/2,000	Range 1	Range 3	Hardwired	Hardwired	13.00 x 16.50 x 14.75	125
T800P-03000	3,000/3,000	Range 1	Range 3	Hardwired	Hardwired	13.00 x 16.50 x 14.75	157
T800P-05000	5,000/5,000	Range 1	Range 3	Hardwired	Hardwired	27.00 x 22.50 x 28.50	437
T800P-08000	8,000/8,000	Range 2	Range 3	Hardwired	Hardwired	27.00 x 22.50 x 28.50	495
T800P-10000	10,000/10,000	Range 2	Range 3	Hardwired	Hardwired	27.00 x 22.50 x 28.50	537

Industrial models (hardwired floor-mount)

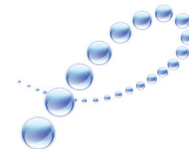
T800F-05000	5,000/5,000	Range 1	Range 3	Hardwired	Hardwired	23.00 x 20.00 x 28.50	407
T800F-08000	8,000/8,000	Range 2	Range 3	Hardwired	Hardwired	23.00 x 20.00 x 28.50	465
T800F-10000	10,000/10,000	Range 2	Range 3	Hardwired	Hardwired	23.00 x 20.00 x 28.50	507
T800F-15000	15,000/15,000	Range 2	Range 3	Hardwired	Hardwired	35.00 x 25.00 x 39.50	830
T800F-20000	20,000/20,000	Range 2	Range 3	Hardwired	Hardwired	35.00 x 25.00 x 39.50	950
T800F-25000	25,000/25,000	Range 2	Range 3	Hardwired	Hardwired	35.00 x 25.00 x 39.50	1070

Range 1: 120/208/240/480

Range 2: 208/240/480

Range 3: 120/208/240

* See custom output receptacles chart on previous page



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Germany: 49.0.7841.604.0
Italy: 39.02.66.04.05.40
Norway: 47.23.03.65.50
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