

Архангельск (8182)63-90-72	Калининград (4012)72-03-81	Нижний Новгород(831)429-08-12	Смоленск (4812)29-41-54
Астана +7(7172)727-132	Калуга (4842)92-23-67	Новокузнецк (3843)20-46-81	Сочи (862)225-72-31
Белгород (4722)40-23-64	Кемерово (3842)65-04-62	Новосибирск (383)227-86-73	Ставрополь (8652)20-65-13
Брянск (4832)59-03-52	Киров (8332)68-02-04	Орел (4862)44-53-42	Тверь (4822)63-31-35
Владивосток (423)249-28-31	Краснодар (861)203-40-90	Оренбург (3532)37-68-04	Томск (3822)98-41-53
Волгоград (844)278-03-48	Красноярск (391)204-63-61	Пенза (8412)22-31-16	Тула (4872)74-02-29
Вологда (8172)26-41-59	Курск (4712)77-13-04	Пермь (342)205-81-47	Тюмень (3452)66-21-18
Воронеж (473)204-51-73	Липецк (4742)52-20-81	Ростов-на-Дону (863)308-18-15	Ульяновск (8422)24-23-59
Екатеринбург (343)384-55-89	Магнитогорск (3519)55-03-13	Рязань (4912)46-61-64	Уфа (347)229-48-12
Иваново (4932)77-34-06	Москва (495)268-04-70	Самара (846)206-03-16	Челябинск (351)202-03-61
Ижевск (3412)26-03-58	Мурманск (8152)59-64-93	Санкт-Петербург (812)309-46-40	Череповец (8202)49-02-64
Казань (843)206-01-48	Набережные Челны(8552)205341	Саратов (845)249-38-78	Ярославль (4852)69-52-93

Единый адрес для всех регионов srh@nt-rt.ru <http://spower.nt-rt.ru>

AccuSine

Обзор



LV active harmonic filter

- Описание
 - A complete solution for harmonic filtering that meets every harmonic standard around the world
 - Can be operated as a displacement power factor correction device independent of or in conjunction with harmonic mitigation
 - Provides cycle-by-cycle correction
 - Provides 100 microsecond response for VAR compensation
 - Includes fuses rated 200,000 amperes of interrupting capacity (AIC) which meets most installation requirements around the world.

Technical data

- Network voltage: 208-480 VAC, use up to 20 kV with transformers
 - Frequency: 50/60 Hz +/- 3 Hz
 - Ambient temperature: 0° to 40°C
 - Contamination levels (IEC 60721-3-3)
 - Altitude: 0 to 1000m (3300ft) above sea level - over 1000m derate 1% for each additional 100m
 - Standards: UL508, CSA, C-Tick, ABS, and more
 - Humidity: up to 95%, non condensing
 - Corrective Capability: <5% TDD(I) & to near unity displacement power factor
 - HMI Display: Touchpad display with graphics
 - Enclosure: N1, N12, IP30, IP54, CH (Chassis)
- **Преимущества**
 - Simple selection spreadsheet or on-line tool (www.squaredleantools.com) - no need for harmonic studies
 - Simple installation and ease of expansion - for parallel operation, each unit functions independently with only current transformer and communication interconnections (no power interconnections)
 - Current transformers can be installed on the incoming mains (source sense) or on the feeders to the loads (load sense) for maximum installation flexibility

Peace of mind

- Each unit is tested for 4 hours or more at full load to ensure reliability
 - Achieve compliance with any harmonic standard anywhere around the world when sized correctly
 - Logic ride through during mains power outages up to 10 minutes - ensures AccuSine PCS is operating prior to loads to provide compensation upon start up
 - Compatible with generator sources - off loads generators of reactive and harmonic current demands to extend life and ensure proper operation of generators
 - Compatible with UPS sources: relieves UPS of reactive and harmonic current demands to ensure proper operation of UPS
 - Ensures energy efficiency by optimising transformer and cable capacities; reduces utility power factor penalties; and saves the cost of generation and transmission of reactive and harmonic current (non active currents)
 - Maximises plant up time when used for harmonic and/or power factor correction
- **Применение**
 - Anywhere nonlinear loads are present: water/wastewater facilities, HVAC systems, oil & gas platforms, petrochemical plants, port cranes, mining, pharmaceuticals, pulp & paper, automotive plants, all-electric ships, wind mill and solar farms, steel mills, plastic extrusion plants, and more
 - Stop voltage sags and flicker due to load current fluctuations (VAR compensation): Ball mills, shredders, arc welders, arc furnaces, hard to start AC motors, and more

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