

Watford Control



World leaders
in voltage control

SIEMENS GUTOR Eaton




The extended family of SIRIUS soft starters

SIEMENS



Variable Speed Drives for Production Machines.

SIEMENS



The world largest Industrial UPS.

GUTOR



SCHAEFER

DC Battery Charger and Rectifier

Eaton



POWERWARE UPS



April 20, 2006 12:36:40.549 PM -0400 ITIC: L2Sag Vbr
SIC CURVE

Event Details
Std 20, 2006 12:36:40.549 PM -0400 ITIC: L2Sag Vbr
Type: SAC (Auto) Winlog4
Event: ITIC Event Icon

Eaton Power Xpert™

Power Quality Meters



World Leader in Automatic Voltage Stabilizers



Is world leader in the design and manufacture of high-tech battery systems.

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Company Profile

"Watford Control (Thailand) Co., Ltd." was established in 1987, now have 50 employees. Over the years, we have established ourselves as a reputable company in the field of **UPS & DC System**, under the brand name of **EATON (USA) Automatic Voltage Stabilisers** and **Power Conditioners** by **WATFORD UK.**, **AC Speed Drives** by **Siemens AG (Germany)**, Power Conversion & Battery Charger by **Schaefer (Germany)**.

Our **Reference List** of installations include Government agencies, Banks, Financial Institutions, Semiconductor / Wafer fabs, Steel Mills, Agricultural Plants, Power Plants, Research Institutions, Oil&Gas and Industrial Plants.

We also have a team of **field-engineers** to provide **After-sales Service** for all the equipment that we supply. All our engineers are professionally-trained by our manufacturers, and spares are readily available for any urgent repairs. It is our priority to ensure that our clients are given the best after-sales service, round the clock, 24 x 7 days.

Our **Service Department** not only provide after-sales, they also provide Monitoring of Power Supply for Harmonics, Voltage and Energy. The new era has brought along new problems in the mains and Harmonics and poor connections in electrical connections is just one of the few problems we can assist our customers with. We bring along with us the latest in technology and Infrared thermal imaging is one of them. Our trained engineers will perform Thermal scanning in premises and where electrical anomalies are detected, reports will be printed out for customers to take necessary action.

In summary, our products and services are as follows:

▣ **Uninterruptible Power Supply (UPS) :**

- EATON Series 9130 (Single phase) = UPS systems 6 kVA
- EATON Series 9155 (Single phase) = UPS systems 10 - 30 kVA

Applications for :

- * Small offices-home offices sector (SOHO)
- * Personal computers
- * Workstations and servers
- * Multi-user systems
- * Electronic Point-of-sale systems (EPOS)
- * Automatic cash-dispensing machines.

- EATON Series 9355 (Three phase) = UPS systems 10 kVA to 40 kVA
- EATON Series 9390 (Three phase) = UPS systems 40 kVA to 160 kVA
- EATON Series 9395 (Three phase) = UPS systems 225 kVA to 1100 kVA

Application for :

- * Computer centers
- * ISDN systems
- * Life-support systems in hospitals
- * Transport systems
- * Air-traffic control systems

▣ **DC Supply : "EATON DC" Power System (24/48Vdc) :**

Enterprise Power : EPS 2, EPS 5 **Access Power :** APS3, APS6 and APS 12
Metro Power : DV2-3G Metro **Core Power :** DV2-3G Core

Application for ; Data Networking, Customer Premises, Local Loop, Wireless, Transmission, Switching, Satellite earth stations, broadband voice data services etc.

▣ **Power Conversion : "Schaefer" Power Conversion System**

- Switchmode DC/DC converters range from 50W to 22Kw
- Switchmode AC/DC converters & Battery Charger range from 50W to 22Kw
- Switchmode Inverters & Frequency Converter range from 200VA to 30Kva
- Thyristor-controlled Power supplies and Battery Chargers range from 100W to 300Kw

▣ **Battery : " Saft-Nife " : Ni-Cd batteries, " Exide Technology batteries" : Sealed type, Vent type, etc.**

▣ **AC Motor Speed Drives : " SIEMENS "**

Micromaster 420,430, SINAMIC G120 Application for ; Pumps & Fans, Compressor, Extruders,
SIMOSTART MV (Medium Voltage). Conveyor, Excavator, Mixer, Mills

SoftStart " SIEMENS " Application for ; Pumps & Fans , Standing Machines, Compressor,
3RW30 / 3RW40/ 3RW44 Conveyor ,Belt, Mills , Crushers, Saw,

▣ **AC Voltage Stabilisers : " Watford Control Instruments Ltd (UK) " Applications for ;** Manufacturing, Communication

- EM, EMT and EM21 electronic Servo from 0.5 – 4000 kVA
- BE Solid state from 0.3 – 230 kVA

▣ **Measurement & Recorder**

Harmonic analyzer by : Yokogawa Power Analyzer,
Energy Saving by : Algodue Power Meter, VIP Energy Power Meter,
Power Monitor by : Telog Power Monitor, Fluke 41,

More information from the website www.watfordcontrol.co.th