

News Release

April 20th, 2011

GS Yuasa Corporation

GS Yuasa—doing what it can to help

GS Yuasa Helps Customers Overcome Extended, Recurring Blackouts with a New Lineup of Lithium-Ion Power Supply Systems

GS Yuasa Corporation (Tokyo Stock Exchange: 6674) announced today a lineup of three uninterruptible power supply (UPS) systems for the Japanese market that are designed to provide stable backup power during rolling power blackouts.

Most conventional UPS systems are designed to provide only 5–30 minutes of backup power in the event of a power outage, and are not designed to provide backup power over extended periods. Even with additional battery capacity to extend backup power time, conventional system capacity remains limited. This means that during periods of recurring, extended blackouts, conventional systems may be unable to recharge quickly enough to cope. And since conventional systems use lead-acid batteries, successive recharging and discharging of the batteries rapidly shortens battery life.

GS Yuasa's new power supply systems solve these problems by providing robust recharge capacity that enables fast recharging and by adopting lithium-ion batteries, which perform well even with successive use and recharging. With this new design, the UPS systems can deliver stable backup power even when blackouts of around three hours occur continually over consecutive days.

GS Yuasa will begin taking orders for the systems in Japan on April 21, 2011, and plans to begin delivering the systems from July 1. The company has not set sales value targets or unit sales targets for the systems, and does not plan to sell the systems internationally.

GS Yuasa will continue to develop innovative power supply systems capable of delivering stable power, not only to help customers deal with long and recurring blackouts, but also to assist customers in shifting their power demand to off-peak periods.

UPS Systems for Rolling Blackouts, Disaster Protection

1. Acrostar LPSi1000-180 1kVA AC UPS (for indoor use)

- Input: Single-phase two-wire 100V
- Output: Single-phase two-wire 100V 1kVA
- Backup time: 3 hours (at 600W output)
- Recharge time: about 6–11 hours
- Battery: Lithium-ion
- Dimensions: (W) 226mm x (D) 630mm x (H) 535mm
- Weight: about 75 kg
- Target use: ICT equipment backup (PC, hub, router, etc.) and factory automation equipment backup (PLC, etc.)
- Price: 1.5 million yen (price of unit only; does not include installation costs)

[Image]



2. **BACSTAR LPSi-5180** 5kVA AC UPS (for indoor use)

- Input: Three-phase three-wire 200V
- Output: Three-phase three-wire 200-100V, or single-phase two-wire 200/100V 5kVA
- Backup time: 3 hours
- Recharge time: about 4 hours
- Battery: Lithium-ion
- Dimensions: UPS cabinet: (W) 500mm x (D) 600mm x (H) 1150mm + 77mm for wheels
Battery cabinet: (W) 550mm x (D) 600mm x (H) 1150mm + 77mm for wheels
- Weight: UPS cabinet: about 230 kg
Battery cabinet: about 340 kg
- Target use: Building, factory backup
- Price: 5.5 million yen (price of unit only; does not include installation costs)

[Image]



3. **CAVSTAR** 1kVA AC UPS (for outdoor use)

- Input: Single-phase two-wire 100V
- Output: Single-phase two-wire 100V 1kVA
- Backup time: 3 hours (at 700VA output)
- Recharge time: about 4–6 hours
- Battery: Lithium-ion
- Dimensions: (W) 780mm x (D) 555mm x (H) 650mm
- Weight: about 160 kg (including batteries)
- Target use: Outdoor electrical equipment backup (traffic signals, CCTV camera, disaster protection equipment, etc.)
- Price: 2.5 million yen (price of unit only; does not include installation costs)

[Image]



For inquiries, please contact:
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Detailed specifications on GS Yuasa products can be found on our website: <http://gs-yuasa.jp/release/>