



GS Yuasa Launches PT1000L Automobile Engine Start Assistance Power Supply

~ Equipped with High-quality Lithium-ion Batteries, Perfect for Road Service ~

GS Yuasa Corporation (Tokyo Stock Exchange: 6674; "GS Yuasa") announced that it would commence sales of the PT1000L automobile engine start assistance power supply for dedicated 12V lead-acid battery use that can be used in cases when a car battery goes flat.

As the importance of batteries grows as vehicles become higher performance, the load on car batteries is becoming greater than ever before. An automobile engine start assistance power supply is a necessary and essential item for situations such as road service in order to respond to increasing cases of battery problems caused by factors such as long term neglect and excess discharge.

The PT1000L being launched for sale is equipped with the LEV21F lithium-ion batteries for vehicles that is manufactured by the GS Yuasa Group's Lithium Energy Japan (President: Ryoichi Okuyama; Head Office: Ritto City, Shiga). By using lithium-ion batteries that have a high energy density compared to lead-acid storage batteries, it was possible to achieve products capable of high output and of a reduced size and weight that are 60% lighter than GS Yuasa's conventional products.

In addition, a long life and superior durability were achieved through control system development and design based on use conditions so that the product can be safely and easily used even during road service that is conducted under harsh conditions.

GS Yuasa will continue to prioritize everyone's security and safety as it develops products capable of supporting the needs of customers.

[Features of the PT1000L]

- Succeeded in the reduced size and weight of products through the use of high-performance, high-quality lithium-ion batteries
- Achieves long life and superior durability with a control system and design based on use conditions
- Cables with a length of 1.6 meters that can be used for vehicles with a high car body and can also be easily stored
- Safe design with buzzer and lamp to notify user of anomalies

[Price]

Open price

[Sales target]

1000 units/year

[PT1000L specifications]

Model name	PT1000L
Dimensions (mm)	W348 × H241 × D140
Weight (kg)	5.8
Protection features	Equipped with protection features for short circuits, reverse connections, excess current, excess discharge, excess charge, high temperatures, etc.
Other features	Display of internal battery residual capacity

[LEV21F specifications]

Model name	LEV21F
Rated capacity (Ah)	22
Nominal voltage (V)	3.3

*PT1000L is equipped with LEV21F in 4 cells connected in series

[Images]

1. PT1000L automobile engine start assistance power supply



2. LEV21F lithium-ion batteries for vehicles

