

# Tuflong HG-IS

A highly chargeable & durable battery specially designed for delivery and commercial vehicles with start-stop system



In addition to industry-leading and well-proven HPL structure, adoption of Super Quick Charging\*<sup>1</sup> has improved performance of charge acceptance 1.2 times\*<sup>2</sup> / durability 1.14 times\*<sup>2</sup>, which is in high demand for delivery and commercial vehicles with start-stop system. Convincing item used in harsh environments where engine is frequently stopped and started.

Optimized specific density 1.26  
Charge acceptance / durability improved

Super Quick Charging\*<sup>1</sup>  
adopted

High-performance  
electrode plate adopted

Bone grid adopted  
Size D / Size E

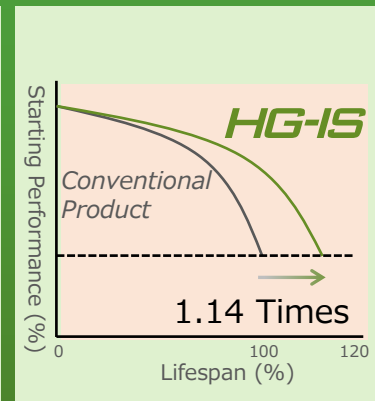
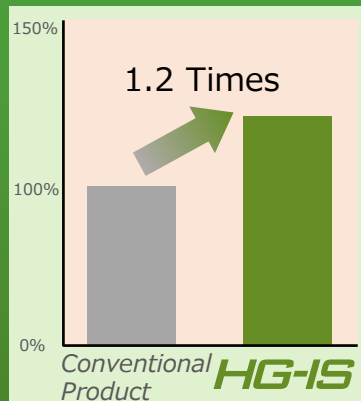
Low resistance  
separator\*<sup>3</sup> adopted

HPL structure adopted

## What is the secret to achieving "Performance Improvement"??

Adopted Super Quick Charging\*<sup>1</sup> that has a proven track record in passenger car batteries, compared to the conventional LX series. Uses a low-resistance separator\*<sup>3</sup> that suppresses resistance when receiving charges (patent pending). A large amount of charging can be performed in a short time, resulting in a significant improvement in charging performance compared to the conventional product (LX)\*<sup>4</sup>. In addition, durability has been improved in our original cycle test assuming insufficient charging.

### Charge acceptance performance comparison\*<sup>2</sup>



\*1 It is a technology that increases the surface area by finely dispersing the particles of the negative electrode active material (PbSO<sub>4</sub>) and efficiently transfers electricity to the active material. (Our trademark) (Newly adopted only for Size D26/D31)

\*2 Our experimental results for Size D.

\*3 Adopted for Size D, Size G and Size H.

\*4 "Tuflong LX (released in February 2015)" (Product names GL85D26L9 and GL85D26R9)

## List of Battery Models

Name of Series	Product Code	Nominal voltage (V)	[5HR] Capacity (Ah)	Maximum External Dimensions (mm)				Weight (approx. kg)	Replaceable type*
				Total height	Container height	Width	Length		
HG-IS	HSC85D26R9B	12	55	225	204	173	260	19.0	55D26R, 65D26R, 75D26R, 80D26R, 85D26R
	HSC85D26L9B	12							55D26L, 65D26L, 75D26L, 80D26L, 85D26L
	HSC105D31R9B	12	64	225	204	173	306	22.0	75D31R, 85D31R, 95D31R, 100D31R, 105D31R
	HSC105D31L9B	12							75D31L, 85D31L, 95D31L, 100D31L, 105D31L
	HSC130E41R9B	12	92	234	213	176	410	28.5	95E41R, 100E41R, 105E41R, 110E41R, 115E41R, 120E41R, 130E41R
	HSC130E41L9B	12							95E41L, 100E41L, 105E41L, 110E41L, 115E41L, 120E41L, 130E41L
	HSC165G519B	12	136	257	213	222	508	43.5	145G51, 155G51, 165G51
	HSC225H529B	12	176	270	220	278	521	62.0	190H52, 210H52, 225H52

\*現車に搭載されているバッテリーまたは適合表でご確認ください。

\*\*Check the battery currently installed in your vehicle or our battery finder system\*\*.

\*\*It is currently available only in Japanese. Please ask your sales store for further details.

### Important Reminder Please read the manuals thoroughly before installing or operating your battery.

#### Danger

- Do not use or store near heat or in an enclosed place. The battery generates hydrogen gas and could cause a fire explosion.
- Do not use this 12V battery for purposes other than starting an engine or auxiliary equipment, which may cause a fire explosion.
- Do not use or charge the battery with the liquid level below LOWER LEVEL (lowest liquid level line). Deterioration of the internal parts of the battery progresses, which not only shortens the life of the battery but also causes it to explode. In addition, toxic gas may be generated.

#### Caution

- Before replacing a battery, check the battery currently installed in your vehicle or our battery finder system\*\* to confirm whether the battery can be used on your vehicle. Battery replacement with an incorrect type may damage the inside of the battery, which might result in an explosion.
- Consult your battery sales store about how to dispose of a used battery. Do not abandon a used battery.

- The information contained in this catalog is for reference and was last updated in June 2021. Product specifications and appearances are subject to change without prior notice.
- The characteristics of the products specified in this catalog are based on the results of experiments conducted by Energywith Co., Ltd. and do not guarantee results of actual use on the road.
- The method in using the products contained in this catalog, as well as the parts, systems and materials, do not guarantee non-infringement of industrial property rights of third parties.
- The above product codes are written in accordance with JIS as a convention in the Japanese battery industry, but we do not guarantee JIS performance standards.



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Sales Store: