

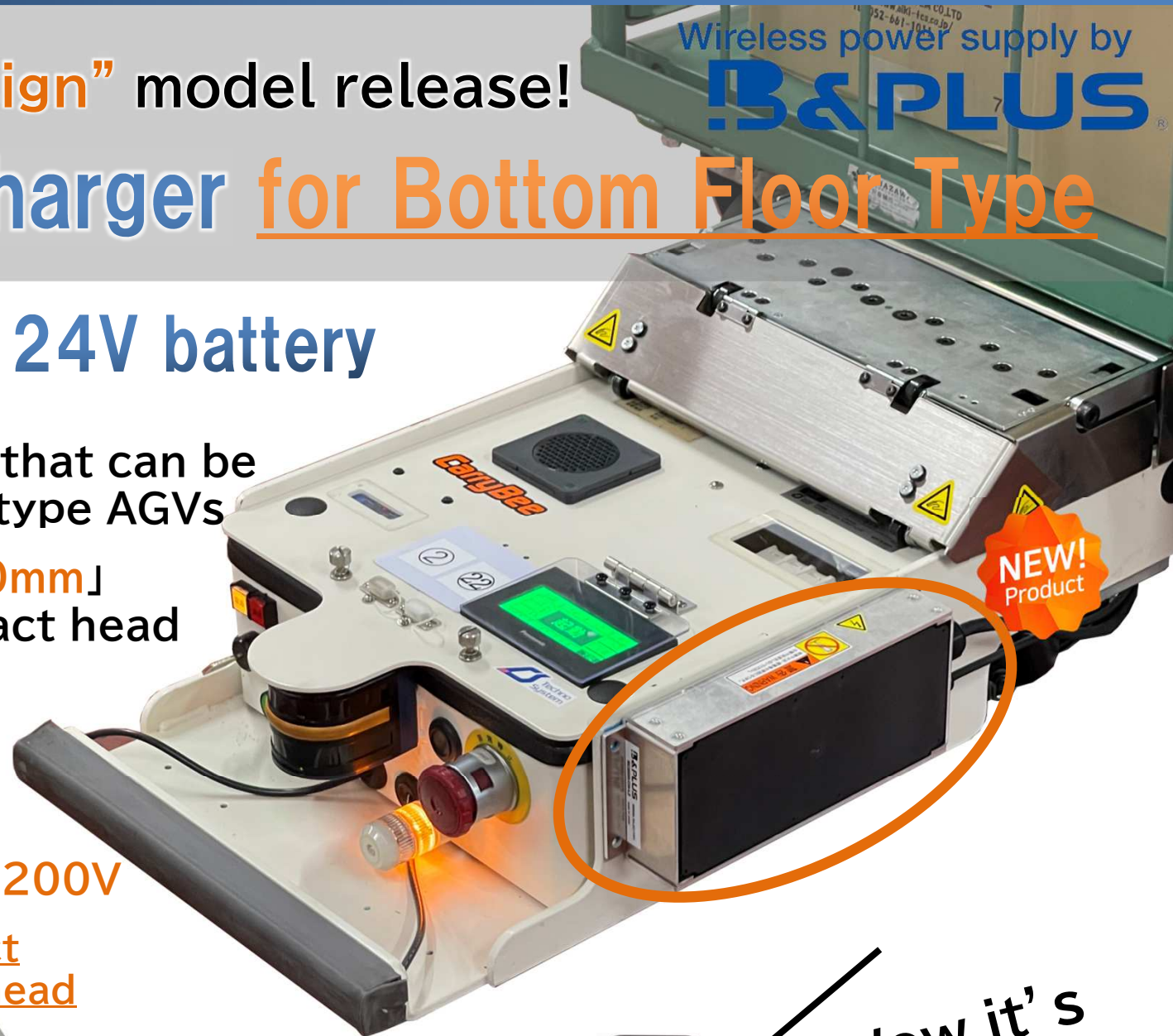
Wireless power supply by

B&PLUS

“Ultra compact design” model release! AGV Wireless charger for Bottom Floor Type

RCS600 Series for 24V battery

- ◎ “Ultra compact design” that can be installed on Bottom floor type AGVs
- ◎ wireless gap is 「20 to 40mm」 with the compact head
- ◎ 30VDC/20A charging (600W max.)
- ◎ “IP65” protected head
- ◎ Compatible with AC100/200V



Compact Charging unit



Compact Charging head



Wow it's so small!?

System configuration

24V Battery

④ Charging unit
Size:135×144×77

AGV side

Station side

AC90-220V

① Power supply unit

③ Passive head

② Active head

Size:100×250×45 each



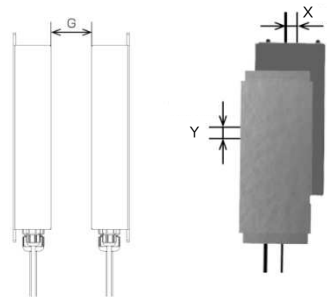
Basic product configuration

Set Code		Unit Code	Description
RCS600-BASE-L2-SET	① Power Supply Unit	RCS600-AC-L2	<ul style="list-style-type: none"> Convert AC power to high frequency. Receives the input signal and supplies high frequency to the active head. Output various signals received by the active head to the external control device.
	② Active Head	RCS600-AH-L2-005	<ul style="list-style-type: none"> By electromagnetic coupling method, power is transmitted to the passive head without contact. Receives various signals from the passive head, and transmitted to the power supply unit.
RCS600-CHG24-L2-SET	③ Passive Head	RCS600-CH-L2-015	<ul style="list-style-type: none"> The receiving power from the active head, and supplies power to the charging unit. Various signals output from the charging unit are transmitted to the active head wirelessly.
	④ Charging Unit	RCS600S-CA24-L2	<ul style="list-style-type: none"> Charges the battery. Monitors the battery voltage and outputs the results to the receiving head and external control equipment connected to the unit.

Charging specification

	24V type	RCS600S CA24-L2
Charging method	CC·CV charge control Charge voltage (CV) : Max. 30V Charge current (CC) : Max. 20A	
Compatible Battery	24VDC lead battery. 24VDC Lithium ion battery	
Default setting	Charge voltage : 28.8V Charge current : 20.0A Recharge voltage : 24V	

Transmission distance and center off-set



Direction	Distance
G	20 ~ 40mm
X	± 10mm
Y	± 20mm

* The total axis misalignment of XY for long distance specifications is up to 20mm.

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AGV WEB



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