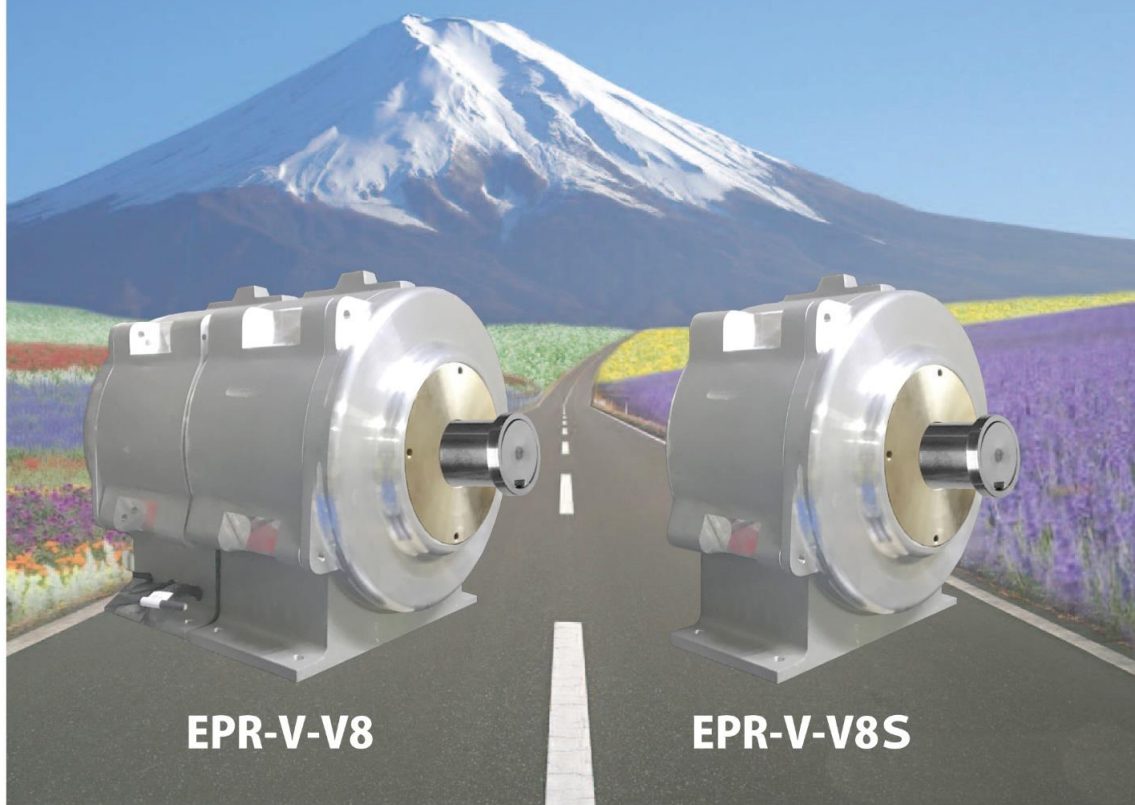


**Surprisingly large output in small size,
unparalleled in the world.**

Electric power revolution - vehicle

E P R - V

Specification



■ Super Electric Motor EPR-V-V8 (V=Vehicle) ■

Power-driven machinery • Key part for Land, sea, air, industry, agriculture, construction, civil engineering, vehicles, etc.

■ Super Electric Motor Generator EPR-H-V8 (H = Hybrid) ■

To 140% of the power of the existing solar power system. In emergency, power can be used immediately, regardless of battery type.

■ Super Magnetic Double Generator EPR-G-V (G = Generator) ■

Using as Generator in collaboration with wind, hydro, biomass diesel, turbines, etc.

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<http://www.kk-narita.co.jp>

Specification



Super double Electric Motor
EPR-V-V8



Super Electric Motor
EPR-V-V8S

Ratings	Model No.	Dimensions			Weight
		Height	Width	Depth	
Non-Rating, Variable-Speed	EPR-V-V8	389mm	500mm	333mm	120kg
	EPR-V-V8S	389mm	338.4mm	333mm	70kg

Model No.	Input Power	Min. Starting Voltage V (Non-Loading)	Driving Voltage Range ~ (Max.)	Input Current Range A (Series/Parallel)	Maximum Input Power (V/A)
EPR-V-V8	D C	5	5~300 (600)	1~40/80	40kVA
EPR-V-V8S	D C	5	5~300 (600)	1~20/40	20kVA

Model No.	Driving Range RPM : (Max. Value)	Maximum V Efficiency	Torque
EPR-V-V8	40~6, 000 (10, 000)	86%	Instant automatic change according to the load
EPR-V-V8S	40~6, 000 (10, 000)	86%	

Collaboration Examples

This QR code will take you to our original videos posted on YouTube.



Initial start



Low speed continuous driving on a flat road

October, 2019

Large bus driving tests

Start-up: Running at 12V/21A/250W

Specification



Super Electric Motor Generator EPR-H-V8

Ratings	Model No.	Dimensions			Weight
		Height	Width	Depth	
Non-Rating, Variable-Speed	EPR-H-V8	389mm	500mm	333mm	120kg

Model No.	Input Power	Driving Side Control Method	Drive Voltage ~ (Max. : Series/Parallel)	Input Current Range A (Max. : Series/Parallel)	Max. Input Power (VA)
EPR-H-V8	D C	Generation Voltage Automatic Control	According to Load (300/600)	According to Load (40/20)	12kVA

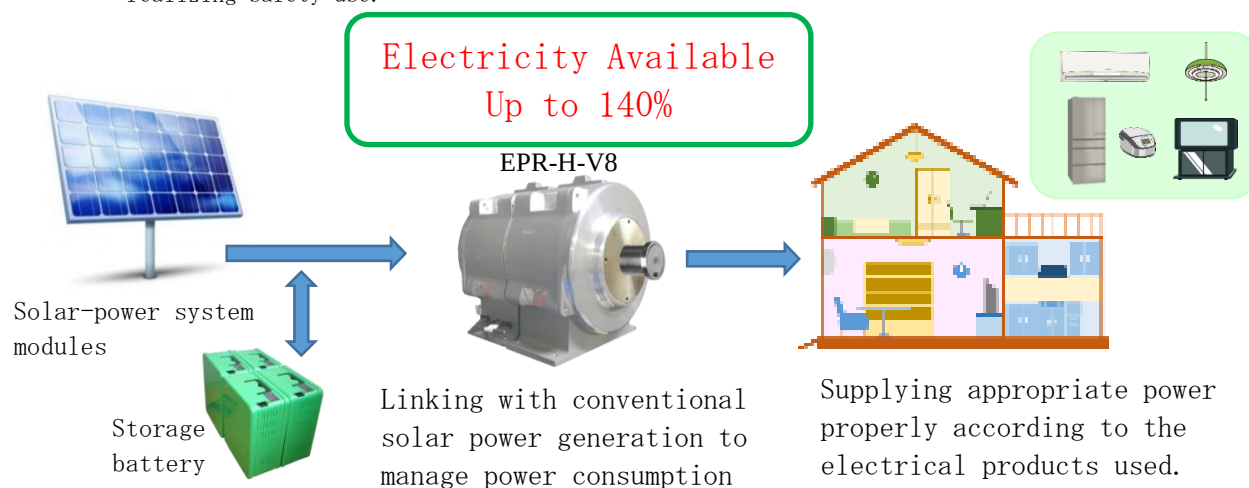
Model No.	Power Generation Wiring System	Power Generation Type		Power Generated		Max. Generation Efficiency
		Electricity Type	Voltage	Min.	Max.	
EPR-H-V8	Three-phase 4-wire	AC	Single Phase	100V	1kwh	10kwh
				200V		

Usage Examples

Regardless of the type or number of electrical products, the generated electricity is to be used freely at any time up to the maximum generation amount.

*Note: Not available for frequency-dependent electrical products. (fluorescent lights, AC motor products, etc.)
No power-factor limitations occurring with digital home appliances such as electronic devices.

The generation voltage management control avoids voltage drops caused by the simultaneous use of multiple electrical products and reduces abnormal heat generation of electrical products, realizing safety use.



Specification



**Super Magnetic Double Generator
EPR-G-V8**



**Super Magnetic Generator
EPR-G-V8S**

Ratings	Model No.	Dimensions			Weight
		Height	Width	Depth	
Non-Rating, Variable-Speed	EPR-G-V8	389mm	500mm	333mm	120kg
	EPR-G-V8S	389mm	338.4mm	333mm	70kg

Model No.	Power Generation Wiring System	Power Generation Type		MAX. Power Generation	Max. Generation Efficiency
		Electricity Type	Voltage		
EPR-G-V8	Three-phase 4-wire	AC	Single Phase	Approx. 20kWh	95%
EPR-G-V8S			200V	Approx. 10kWh	

Collaboration Examples

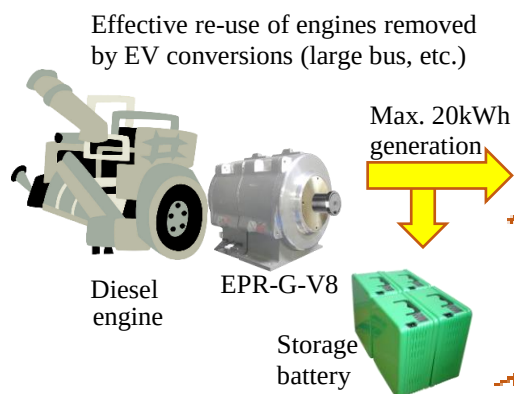
Power generation using clean energy such as wind power and hydraulic power for the purpose of power storage



Power generation using bioenergy for the purpose of energy storage/use



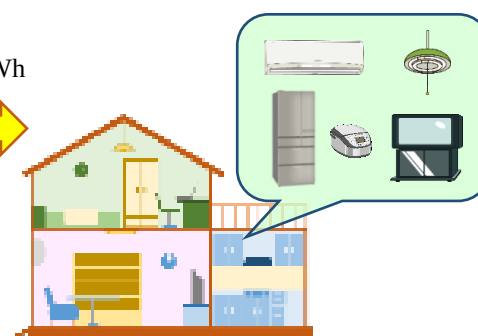
Plant (Vegetable oil)



Rotation and torque requirements
for 100V power generation

Generation	Moving Power Side	
	Speed	Torque
W	rpm	N・m
1,200	2,400	7.0
2,400	2,400	13.0
3,600	2,400	19.0
4,800	2,500	23.0
6,000	2,650	29.0
7,200	2,900	34.0
8,400	3,200	38.0
9,600	3,700	40.0

Excerpt from January 2020 experimental data: EPR-G-V8



《Specifications for each model of EPR》

EPR = Electric Power Revolution means the “Great Electric Revolution.”
The word Revolution also means rotating.

V=Vehicle, G=Generator, H=Hybrid

Super double Electric Motor EPR-V-V8 Super double Electric Motor EPR-V-V8S	Ratings	Model No.	Dimensions			Weight
			Height	Width	Depth	
	Non-Rating, Variable-Speed	EPR-V-V8	389mm	500mm	333mm	120kg
		EPR-V-V8S	389mm	338.4mm	333mm	70kg

Model No.	Input Power	Min. Starting Voltage V (Non-Loading)	Driving Voltage Range ~ (Max.)	Input Current Range A (Series/Parallel)	Maximum Input Power (V/A)
EPR-V-V8	D C	5	5~300 (600)	1~40/80	40kVA
EPR-V-V8S	D C	5	5~300 (600)	1~20/40	20kVA

Model No.	Driving Range RPM : (Max. Value)	Maximum V Efficiency	Torque
EPR-V-V8	40~6,000 (10,000)	86%	Instant automatic change according to the load
EPR-V-V8S	40~6,000 (10,000)	86%	

Super Electric Motor Generator EPR-H-V8	Ratings	Model No.	Dimensions			Weight
			Height	Width	Depth	
	Non-Rating, Variable-Speed	EPR-H-V8	389mm	500mm	333mm	120kg

Model No.	Input Power	Driving Side Control Method	Drive Voltage Range ~ (Max.: Series/Parallel)	Input Current Range A (Max.: Series/Parallel)	Max. Input Power (VA)
EPR-H-V8	D C	Generation Voltage Automatic Control	According to Load (300/600)	According to Load (40/20)	12kVA

Model No.	Power Generation Wiring System	Power Generation Type		Power Generated		Max. Generation Efficiency
		Electricity Type	Voltage	Min.	Max.	
EPR-H-V8	Three-phase 4-wire	AC	Single Phase	100V 200V	1kwh 10kwh	85%

Super Magnetic Double Generator EPR-G-V8 Super Magnetic Generator EPR-G-V8S	Ratings	Model No.	Dimensions			Weight
			Height	Width	Depth	
	Non-Rating, Variable-Speed	EPR-G-V8	389mm	500mm	333mm	120kg
		EPR-G-V8S	389mm	338.4mm	333mm	70kg

Model No.	Power Generation Wiring System	Power Generation Type		MAX. Power Generation	Max. Generation Efficiency
		Electricity Type	Voltage		
EPR-G-V8	Three-phase 4-wire	AC	Single Phase	100V	95%
EPR-G-V8S			200V	Approx. 10kWh	

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