

We have set our sights on more ambitious initiatives, with regard to climate change, resource circulation and recycling, and preventing environmental pollution.

Everyone has a place on the Road to Zero. Mitsubishi Motors is excited about this promise, as we enable our customers to achieve their net zero ambitions.

22MY OUTLANDER & ECLIPSE CROSS Plug-In Hybrids



22MY Plug-in Hybrid EV



CHARGING – V2G/V2H

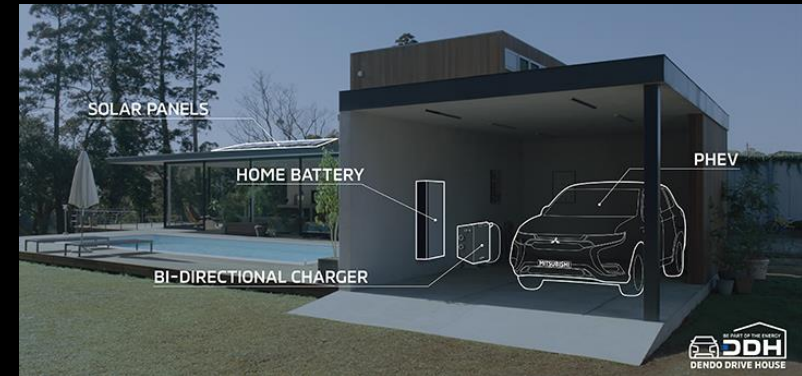
BI-DIRECTIONAL CHARGING (V2X)

V2G & V2H require a Bi-directional charger to allow not only charging of the vehicle, but also discharge of energy from the vehicle back into the home or grid.

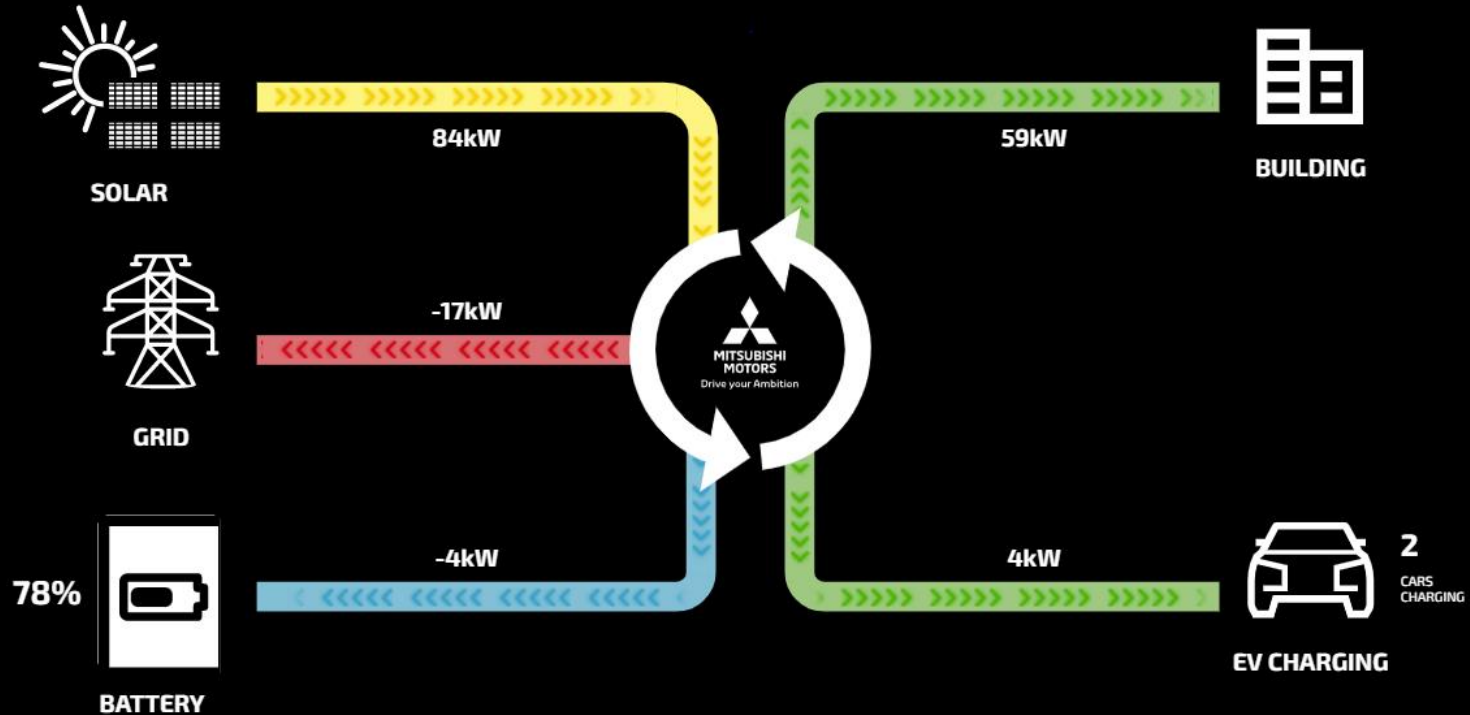
Battery discharge capability (V2H/V2G/V2L) has been available on Outlander PHEV. Eclipse Cross PHEV has the same capability.

Mitsubishi Dendo Drive concept is an energy ecosystem that integrates generation, storage and sharing of renewable energy between building/grid infrastructure and transport. The potential benefits of DD concept are:

- Reduced energy and transport costs
- Reduced CO2 emissions
- Potential to live off-grid, or
- Can provide an emergency power supply during grid failure

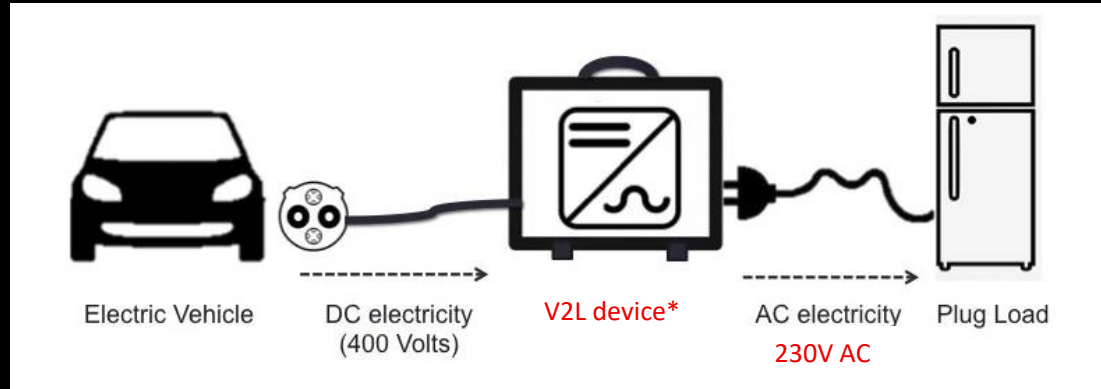


Explore Mitsubishi Motors Energy Efficiency



22MY OUTLANDER PHEV – Vehicle 2 Load (V2L)

Off-board rectifier converts DC electricity stored in PHEV drive battery to AC electricity



Examples:

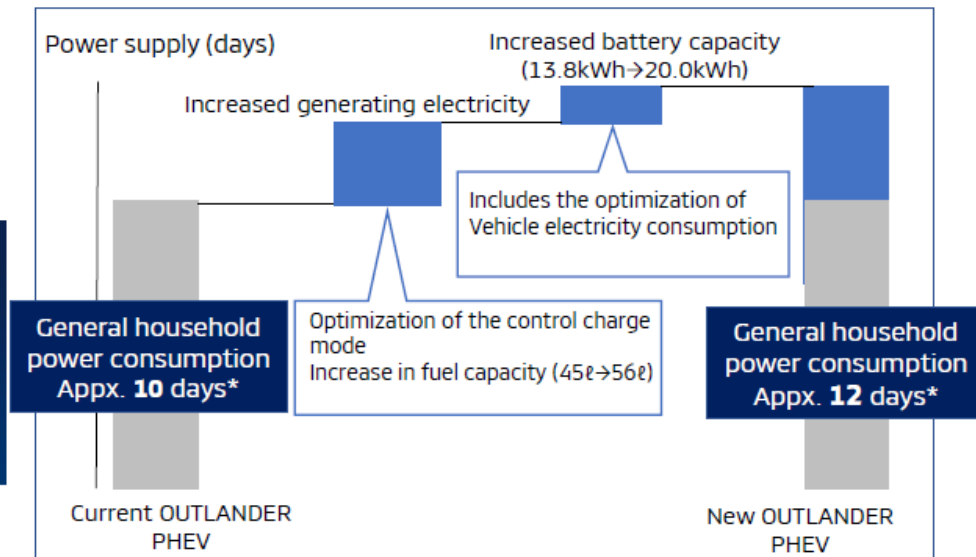
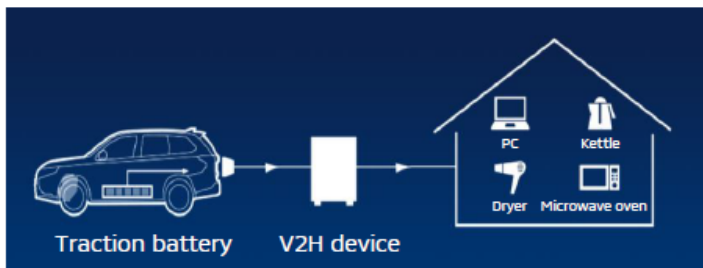


22MY OUTLANDER PHEV – Vehicle 2 Home (V2H)

New OUTLANDER can provide more electricity to your home.

Improvements in the new model

- Total electrical power supply increased.
- Fuel tank: 45ℓ → 56ℓ
- Battery capacity: 13.8kWh → 20.0kWh



*Calculated based on 10kWh consumption per day

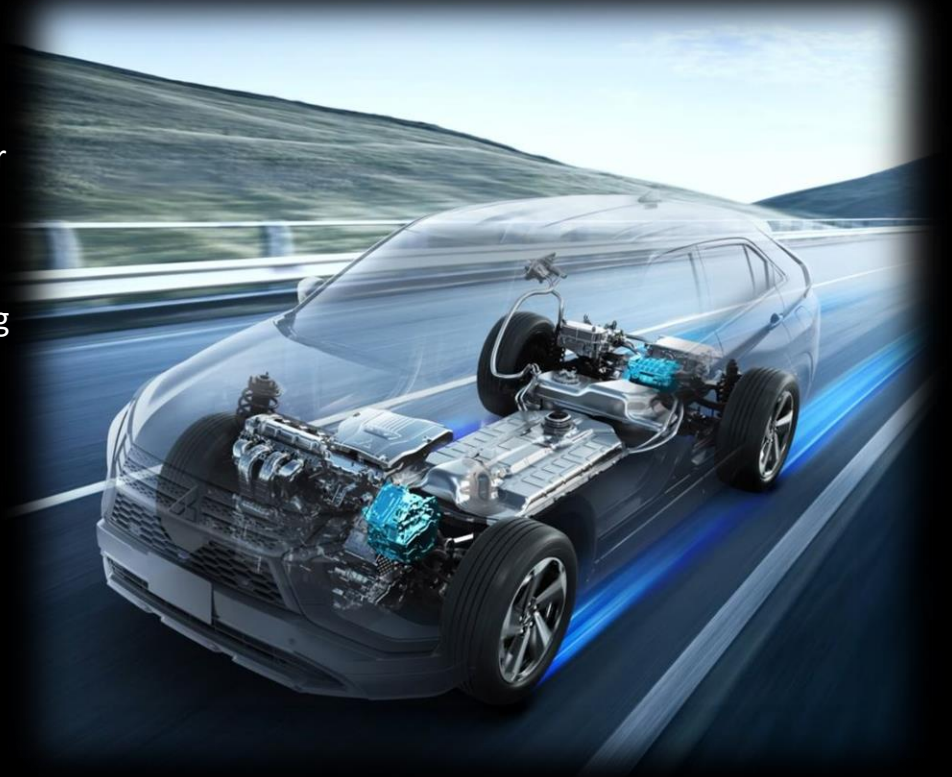
REFERENCE: MMAL PHEV JOURNEY TO DATE



MMAL has also released Eclipse Cross PHEV:

Latest Gen 2 iteration of the proven Mitsubishi Twin-motor Plug-in Hybrid powertrain.

- Twin electric motors - (60kW front / 70kW rear)
- 2.4L 4B12 Mivec Atkinson Cycle petrol engine powering an 80kW generator
- Multi-mode Transaxle
- Lithium-ion Drive Battery (13.8KWh)
- Super All Wheel Control (S-AWC)



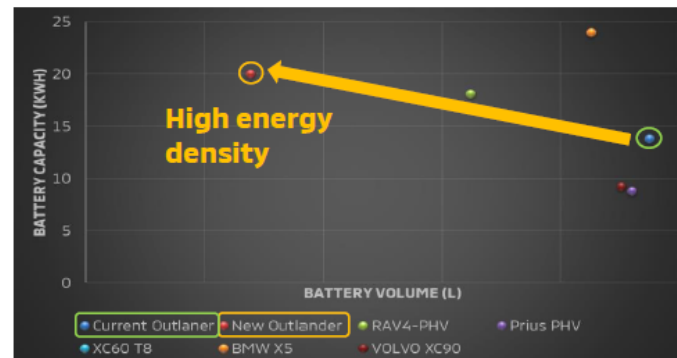
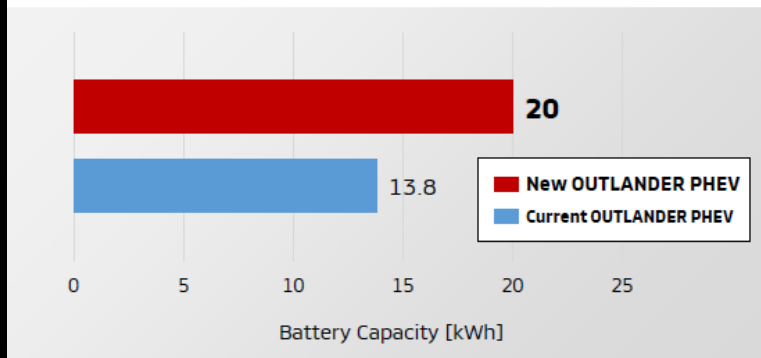
22MY OUTLANDER PHEV – Drive Battery

New

- New battery cooling system which utilizes A/C refrigerant to control driving battery temperature for full battery performance (current OUTLANDER uses forced air)

Improvements in the new model

- The battery energy density of the New OUTLANDER PHEV has been improved compared with current OUTLANDER PHEV.
- Battery capacity is 20kWh, which is 45% higher than the previous, and achieves class-leading battery energy density.



22MY OUTLANDER PHEV – Cruising Range

Key Performance

Acceleration, Quietness (no engine start), **Long Cruising Range**

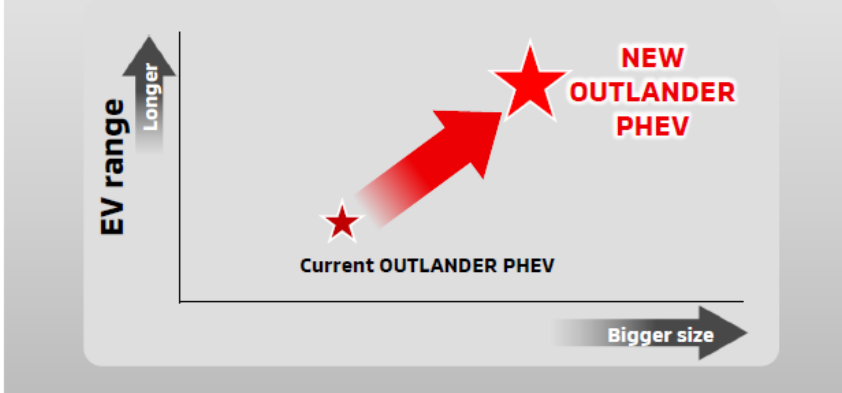
Advanced e-Powertrain

- ✓ Stress free smooth take off
- ✓ Increased EV drive capability

- ❖ Total Motor output
 - **185kW** ← 130kW
 - +42% IMPROVEMENT**
- ❖ EV Battery output
 - +40% STRONGER**
- ❖ EV Battery capacity
 - **20.0kWh** ← 13.8kWh
 - +44% LARGER**
- ❖ Fuel tank
 - **56L** ← 45L
 - +24% LARGER**

With larger **battery and fuel tank capacity**, the new OUTLANDER PHEV has capability to reach destination without re-charging or re-fueling.

Vehicle	EV Range	Total Range (EV + petrol)
New OUTLANDER PHEV (20-inch, 7P)	84km	over 900km*
Current OUTLANDER PHEV (5P)	54km	over 600km



Note: This figure is based on the below calculation.

*EV range" + (Fuel economy x Fuel capacity).

Actual number might change depending on the situation

Note: Specifications shown are subject to change.

22MY OUTLANDER PHEV – Charging



Mode 3 (AC)

Mode 4 (DC)

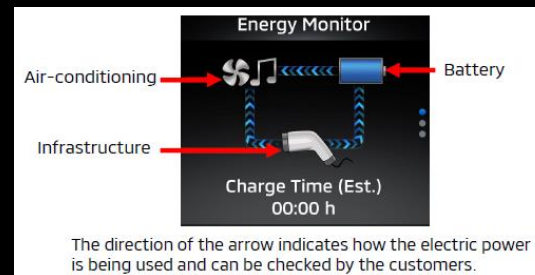
	Normal charging		Quick charging	
	Charging time	Charging current	Charging time	Charging current
New OUTLANDER	Approx. 6.5 hours (AC 230-240V) (up to SOC 100%)	MAX 15 A	Approx. 38 minutes (up to SOC 80%)	MAX 105 A
Current OUTLANDER	Approx. 4 hours (AC 230-240V) (up to SOC 100%)	MAX 15 A	Approx. 25 minutes (up to SOC 80%)	MAX 60A



Mode 2 (AC)



New OUTLANDER	Approx. 12 hours* (AC 230-240V) (up to SOC 100%)	MAX 10 A
Current OUTLANDER	Approx. 7 hours (AC 230-240V) (up to SOC 100%)	MAX 10 A



*Estimate only

22MY OUTLANDER PHEV – Vehicle 2 Load (V2L)

On-board rectifier converts DC electricity stored in PHEV drive battery to AC electricity

Power to enjoy outdoor activities and to provide emergency power supply when needed.

Kodawari

- Even electrical equipment requiring high power, such as dryers, hot plates, etc. can be used.
- Electricity can be supplied from the PHEV to home electric appliances, PCs and smartphones in emergency situations such as natural disasters.

Competitor comparison*1	1500W power supply
NEW OUTLANDER PHEV	Available
Current OUTLANDER PHEV	Available
TOYOTA RAV4 PRIME	Available
FORD ESCAPE PHEV	n/a
VOLVO XC60	n/a

<Center console>



<Luggage room>



RAV4 Prime is currently only sold in the United States and its home country of Japan



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MOTORS**

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