

**HYBRID SYSTEM SOLUTIONS**

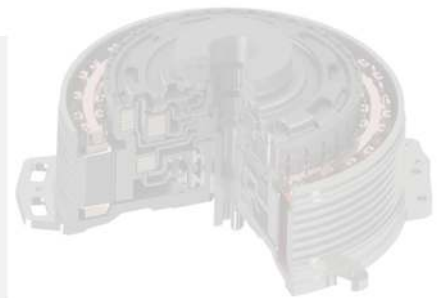
Product Technical Sheet

# Dayco Hybrid Module P2

As a system integration specialist, Dayco, together with its strategic partners, is transforming the light and heavy-duty industry with its innovative and customizable Dayco Hybrid Module (DHM), which supports the OEMs to provide a high-value technology differentiation for their mild and full hybrid applications. This DHM for P2 architecture improves the system’s performance and reliability by reducing engine vibration and optimizing noise. Dayco is the only brand that offers a premium package of complete FEAD (Front End Accessory Drive) system solutions for hybrid and ICE (internal combustion engine) vehicles with a wide range of decouplers, dampers, tensioners, idlers/pulleys, belts, and hybrid systems, all in one place with world-class global R&D capabilities and local manufacturing footprints.

**Technical Attributes**

- Modular, efficient, and scalable hybrid system solutions
- Compact module with integrated clutches for dual clutch transmission
- Power up to 130 kW / 380 Nm torque
- Includes inverter / power control modules and DC/DC converters
- Highly efficient and adaptable for 48V, 350V or 800V
- Fully integrated solution for existing powertrains.



**Features/ Benefits**

- Adaptable high-performance integrated system for the passenger car, commercial vehicle, off-highway, and industrial segments
- Improved system performance, and reliability
- Can be combined with in-house developed transmissions
- Optimized fuel savings and noise, vibration, harshness (NVH)
- More durable and sustainable with reduced CO<sub>2</sub> emissions
- Increased lifetime of transmission and enhanced system uptime

**Value add to Customer**

- World-class global R&D and testing capabilities with local manufacturing footprints
- High-value technology differentiation as a complete system integrator
- Delivering to leading engine and vehicle manufacturers across the globe
- Unique hybrid systems that meet customer specifications for fuel savings of 15-20%\* (48V) and +70%\* (800V-High Voltage)
- Dedicated technical support from Dayco specialists in each field
- Reduced total cost of ownership

**Applications**



- **Light Duty:** Passenger vehicles, light commercial vehicles, performance, and premium cars
- **Heavy Duty:** Commercial vehicles, agricultural equipment, construction equipment

\*Under test conditions

**More than 115 years of Delivering Innovation**

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