

PHT1200 – PARALLEL HYBRID TRANSMISSION

Robust | High Torque | Flexible Hybrid Power

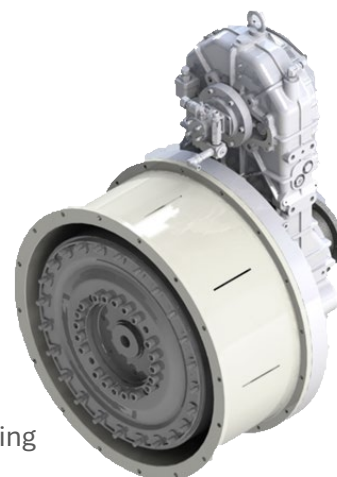
The **PHT1200** is a high-performance parallel hybrid transmission designed for demanding marine, industrial **hybrid power** applications.

It combines exceptional torque capacity with installation flexibility.



PHT1200 Key Features

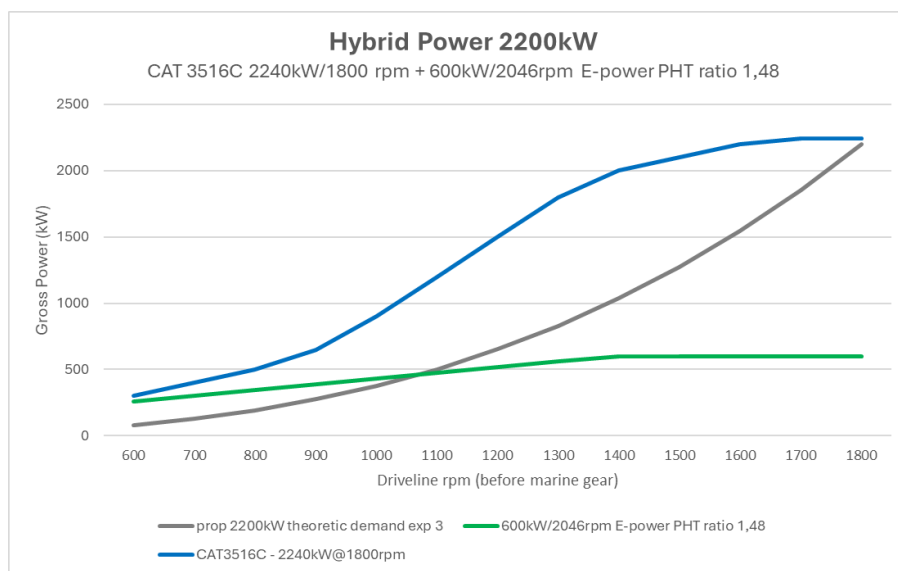
Diesel Engine Power	Up to 2.200 kW (3.000 HP)
	Max Torque 12.000 Nm
Electric Power Capacity	Up to 600 kW
PTO/PTI Torque	Up to 2,500 Nm
PTO/PTI Ratio	1.48
Installation	Horizontal or vertical mounting



PHT1200 Versions

PHT1200A	24Vdc/110Vdc E/M clutch	Power to engage the clutch
PHT1200B	24Vdc/ 48Vdc E/M clutch	Power to release the clutch

Hybrid Performance Propulsion Curve & Smart Ratio Advantage



E-Propulsion Mode: E-machine torque increases by the ratio at the PHT output

Generator Mode: E-machine runs at speed increased by the ratio,
enabling reaching full electric power at low diesel rpms

Disclaimer:

The specification presented in this document are indicative and intended to illustrate the potential capabilities of the PHT1200 transmission series. For exact technical data tailored to your requirements, please consult our engineering team.