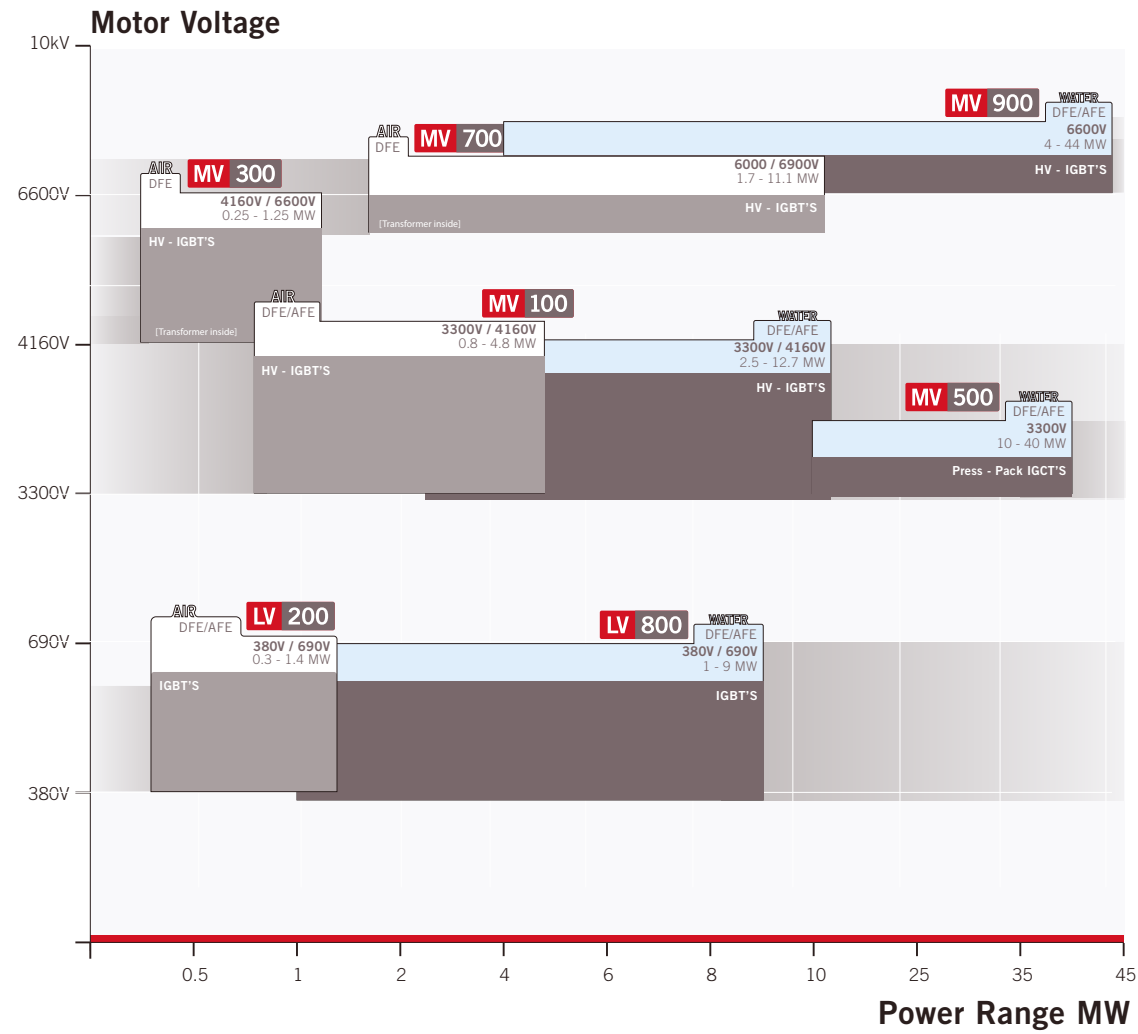


Product Range

INGEDRIVE™ offers different configuration options depending on your needs, such as non-regenerative systems, 6, 12 or 24-pulse DFE or AFE regenerative systems, as follows:

- **LV200** (low-voltage AC drive based on IGBTs. Air cooled)
6P DFE, 12P DFE, AFE as standard.
- **LV800** (low-voltage AC drive based on IGBTs. Water cooled)
6P DFE, 12P DFE, AFE as standard.
- **MV100** (medium-voltage AC drive based on HV-IGBT. Air and water cooled)
12P DFE, 24P DFE, AFE as standard.
- **MV300** (medium-voltage AC drive based on HV-IGBT. Air cooled)
24P DFE as standard.
- **MV500** (medium-voltage AC drive based on IGCTs. Water cooled)
12P DFE, 24P DFE, AFE as standard.
- **MV700** (medium-voltage AC drive based on HV-IGBT. Air cooled)
24P DFE as standard.
- **MV900** (medium-voltage AC drive based on HV-IGBT. Water cooled)
24P DFE, AFE as standard.

N.B.: The AFE topology makes it possible to work with a unit power factor with lowest harmonics throughout the application's entire functional range. A further advantage in AFE systems is the regeneration of the motor's kinetic energy during braking, resulting in a highly-efficient configuration.



INGEDRIVE™ Variable Speed Drives

Variable speed drive system
in the Oil&Gas industry

Ingeteam

www.ingeteam.com

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AC DRIVES

Low & Medium Voltage Drives / Air & Water cooled

Frequency converters



LV 200 380-690V

Power Range 300 kVA - 1400 kVA
 Input Section DFE (6 or 12 pulse) or AFE (HV-IGBTs)
 Output Section 2 level inverter (IGBTs)
 Converter Cooling Air



LV 800 380-690V

Power Range 900 kVA - 8600 kVA
 Input Section DFE (6 or 12 pulse) or AFE (IGBTs)
 Output Section 2 level inverter (IGBTs)
 Converter Cooling Water



MV 100 3.3-4.16 kV

Power Range 1000 kVA - 11500 kVA
 Input Section DFE (12 or 24 pulse) or AFE (HV-IGBTs)
 Output Section NPC 3 level inverter (HV-IGBTs)
 Converter Cooling Air or Water



MV 300 3.3-4.16 kV

Power Range 250 kVA - 1250 kVA
 Input Section DFE (24 pulse)
 Output Section NPC 3 level inverter (HV-IGBTs)
 Converter Cooling Air or Water



MV 500 3.3 kV

Power Range 7000 kVA - 36000 kVA
 Input Section DFE (12 or 24 pulse) or AFE (press-pack IGCTs)
 Output Section NPC 3 level inverter (press-pack IGCTs)
 Converter Cooling Water



MV 700 6.6 kV

Power Range 1700 kVA - 11100 kVA
 Input Section DFE (24 pulse)
 Output Section 5 level inverter (HV-IGBTs)
 Converter Cooling Air



MV 900 6.6 kV

Power Range 4000 kVA - 44000 kVA
 Input Section DFE (24 pulse) or AFE (HV-IGBTs)
 Output Section NPC 3 level inverter (HV-IGBTs)
 Converter Cooling Water

Land Drilling Rigs & Production

Refinery

Oil&Gas Storage
 Oil&Boosting Station
 Gas-to-liquid

Offshore Production Platforms

FPSO

Gas & Crudeoil transportation

LNG

Subsea Production

Upstream
 Exploration & Production
Midstream
 Transportation & Storage
Downstream
 Refinery & Petrochemical plants