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# Drive Output Attributes

These are the inverter output related attributes associated with a Motion Control Axis.

## Output Frequency

| Usage        | Access  | T | Data Type | Default | Min | Max | Semantics of Values |
|--------------|---------|---|-----------|---------|-----|-----|---------------------|
| Required - F | Get/GSV | T | REAL      | -       | -   | -   | Hertz               |
| Optional - C |         |   |           |         |     |     |                     |

The Output Frequency attribute is the time averaged output frequency applied to motor. Frequency value is in terms of electrical cycles.

## Output Current

| Usage        | Access  | T | Data Type | Default | Min | Max | Semantics of Values |
|--------------|---------|---|-----------|---------|-----|-----|---------------------|
| Required - D | Get/GSV | T | REAL      | -       | -   | -   | Amps (RMS)          |

The Output Current attribute is the total time averaged output current applied to motor.

## Output Voltage

| Usage        | Access  | T | Data Type | Default | Min | Max | Semantics of Values |
|--------------|---------|---|-----------|---------|-----|-----|---------------------|
| Required - D | Get/GSV | T | REAL      | -       | -   | -   | Volts (RMS)         |

The Output Voltage attribute is the total time averaged phase-to-phase output voltage applied to motor.

## Output Power

| Usage        | Access  | T | Data Type | Default | Min | Max | Semantics of Values |
|--------------|---------|---|-----------|---------|-----|-----|---------------------|
| Required - D | Get/GSV | T | REAL      | -       | -   | -   | Power Units         |

The Output Power attribute is the mechanical output power of the motor. This value represents the product of applied motor torque/force and motor speed. If the axis is configured for Frequency Control, the Velocity Feedback signal is derived from the Velocity Reference signal.

## See also

- [Drive General Purpose I/O Attributes](#)
- [Power and Thermal Management Configuration Attributes](#)

[Attributes](#)

[Converter Current Control Configuration Attributes](#)

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[Converter Current Reference Configuration Attributes](#)

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