

# Country Fact Sheet Motors

## Overview



Region	Requirement Directive	MEPS	Scope	Exemptions
<b>Australia &amp; New Zealand</b>	<b>GEMS</b> GEMS Determination 2018	IE2	0.73 – 185 kW	<ul style="list-style-type: none"> <li>Short-time duty S2</li> <li>Motors exclusively suitable for inverter operation</li> </ul>
<b>Brazil</b>	<b>INMETRO</b> Portaria no. 1_2017-06-29	IE3	0.12 – 375 kW	<ul style="list-style-type: none"> <li>Intermittent duty like S3 or S6 (&lt;80%)</li> <li>Motors exclusively suitable for inverter operation</li> </ul>
<b>Canada</b>	<b>Energy Efficiency Act (EEA) 2016</b>	IE3	0.75 – 375 kW	<ul style="list-style-type: none"> <li>Intermittent duty like S3 or S6 (&lt;80%)</li> <li>Motors exclusively suitable for inverter operation</li> </ul>
<b>China</b>	<b>China Energy Label CEL 007-2016</b>	IE2	0.75 – 375 kW	<ul style="list-style-type: none"> <li>Intermittent duty like S3 or S6 (&lt;80%)</li> <li>Motors exclusively suitable for inverter operation</li> </ul>
<b>Europe</b>	<b>Ecodesign Directive EC 640/2009</b>	IE3	0.75 – 375 kW	<ul style="list-style-type: none"> <li>Intermittent duty like S3 or S6 (≤80%)</li> <li>Motors exclusively suitable for inverter operation</li> <li>IE2+VSD</li> <li>Brake motors</li> </ul>
from July 1st, 2021	<b>Ecodesign Directive EC 2019/1781</b>	IE2 IE3	0.12 – 0.55 kW 0.75 – 1000 kW	<ul style="list-style-type: none"> <li>Intermittent duty like S3 or S6 (&lt;80%)</li> <li>Motors exclusively suitable for inverter operation</li> </ul>
<b>India</b>	<b>Bureau of Energy Efficiency</b> Gazette of India No. 3144/2018	IE2	0.12 – 1000 kW	<ul style="list-style-type: none"> <li>Motors exclusively suitable for inverter operation</li> </ul>
<b>Mexico</b>	<b>Norma Oficial Mexicana NOM 016 ENER 2016</b>	IE3	0.746 – 373 kW	<ul style="list-style-type: none"> <li>Intermittent duty like S3 or S6 (&lt;80%)</li> <li>Motors exclusively suitable for inverter operation</li> </ul>
<b>South Korea</b>	<b>Korea Energy Label MOTIE Notification No. 2017-61</b>	IE3	0.75 – 375 kW	<ul style="list-style-type: none"> <li>Short-time duty S2</li> <li>Inverter duty</li> </ul>
<b>Switzerland</b>	<b>Ecodesign Directive EnV 730.01 and 734.26 (NEV)</b>	IE3	0.75 – 375 kW	<ul style="list-style-type: none"> <li>Intermittent duty like S3 or S6 (≤80%)</li> <li>Motors exclusively suitable for inverter operation</li> <li>IE2+VSD</li> <li>Brake motors</li> </ul>
<b>Turkey</b>	<b>Ecodesign Directive SMG-2015/15</b>	IE3	0.75 – 375 kW	<ul style="list-style-type: none"> <li>Intermittent duty like S3 or S6 (≤80%)</li> <li>Motors exclusively suitable for inverter operation</li> <li>IE2+VSD</li> <li>Brake motors</li> </ul>
<b>USA</b>	<b>UL energy verified DOE 10 CFR Part 431</b>	IE3	0.75 – 375 kW	<ul style="list-style-type: none"> <li>Intermittent duty like S3 or S6 (&lt;80%)</li> <li>Motors exclusively suitable for inverter operation</li> </ul>