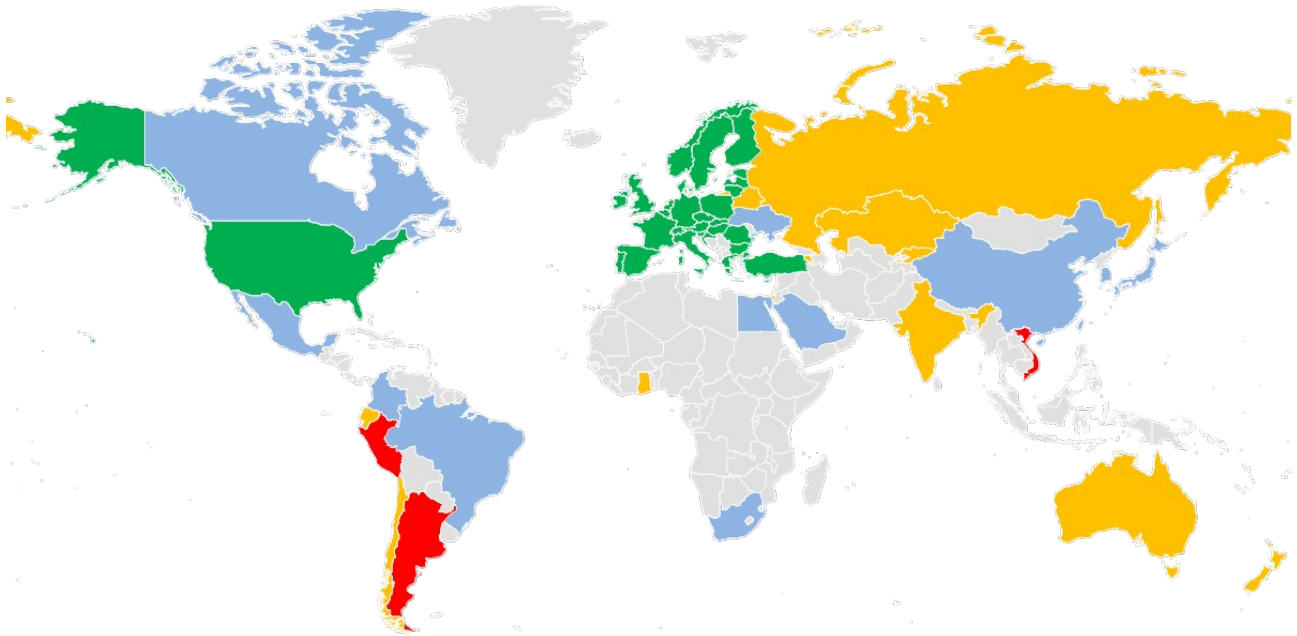


# EMSA MEPS Export



Version 1.0 - Updated September 24th 2024

Efficiency Levels 3-phase induction motors (Low Voltage < 1000 V)	Efficiency classification	Minimum Energy Performance Standard		Note	No. of phases	
	IEC 60034-30-1:2014	Mandatory MEPS <sup>II</sup>			1	3
	IE efficiency class <sup>I</sup>	Country / Region	Range [kW]			
Super Premium Efficiency	IE4	EU 27	75 - 200	b)		x
		UK, Switzerland, Norway, Turkey USA, per 06.2027	75 - 200 75-186	b)		x x
Premium Efficiency	IE3	Brazil	0.12 - 370			x
		Canada	0.75 - 375			x
		China *)	0.12 - 1000			x
		Colombia *)	7.5 - 375			x
		EU 27 *)	0.75-75;200-1000			x
		UK, Switzerland, Norway, Turkey *)	0.75-75;200-1000			x
		Egypt *)	0.75 - 375			x
		Israel *)	7.5 - 375			x
		Japan	0.75 - 375			x
		Mexico	0.75 - 375			x
		Saudi Arabia	0.75 - 375			x
		Singapore	0.75 - 375			x
		South Africa	0.75 - 375			x
		South Korea	0.75 - 375			x
		Taiwan	0.75 - 200			x
Ukraine *)	0.75 - 375			x		
USA *)	0.18/0.75 - 375	a)	x	x		
USA, per 06.2027	0.75-75;186-559					
High Efficiency	IE2	Australia	0.73 - 185			x
		Chile	0.75 - 7.5			x
		Colombia	0.18 - 0.74			x
		Ecuador	0.75 - 375			x
		EU 27, UK, CH, NO, TR	0.12 - 0.75			x
		EU 27, UK, CH, NO, TR	0.12 - 1000		x	
		Ghana	0.12 - 1000			x
		India	0.12 - 1000			x
		Israel	0.75 - 5.5			x
		New Zealand	0.73 - 185			x
Armenia, Belarus, Kazakhstan, Kyrgyzstan, Russia (EAEU)	0.75 - 375			x		
USA	0.18 - 2.2	a)	x			
Standard Efficiency	IE1	China	0.25 - 3.7			x
		Vietnam	0.75 - 150			x
		Peru	0.75 - 375			x
		Argentina	0.75 - 30			x

I) Output power: 0.12 kW - 1000 kW, 50 and 60 Hz, line operated, 2-, 4-, 6- and 8-poles.  
 II) MEPS = Minimum Energy Performance Standard (set as requirement by regulators)  
 \*) IE2 for some motor types  
 a) 0.18 - 2.2 kW, polyphase:  
 b) VSD: IE2 efficiency class, IEC