

Quoters Guide

to 2010 AC Motor Efficiency Regulation



To help prepare for the change of product availability and the cost impact on future motor purchases, WEG Electric Corp. has developed this quick quote reference guide. This guide is for project managers and all those responsible for quoting products for delivery after December 19th, 2010. While existing inventory of Pre-EISA product may still be sold, all new motors manufactured in, or imported into the US after December 19th must comply with the new regulation.

This chart can be used as a guide to you and your customers as to what will no longer be available (**Red**), as well as what will continue to be available (**Green**).

Some product availability, even though legal, may diminish due to the low demand and manufacturers standardization (**Yellow**), so this is a caution to verify expected availability before quoting. Items in Black indicate they are already not allowed under EPAct.

The additions of standard modifications (i.e. Seals, Space Heaters, Brakes...) to General Purpose motors, that do not effect the mounting or basic performance of the motor will not move it to the unregulated "Special" category. However, Special shafts, or special customer unique flange mounting dimensions will remove the product from the regulated category. Even though standard efficient may be available legally it is likely most standard efficient electrical designs will not be available from the manufacturers.

EISA 2007 Effective December 19, 2010

Product	Efficiency	1 - 200HP	201 - 500HP
General Purpose TEFC, Explosion Proof, and ODP with Feet 2, 4 & 6 Pole speeds NEMA design A & B. Including C,D, an IEC standard Flanges 230 & 460V only or 575V if Canada See below for other voltages & Mountings	Standard		Not available Design B
	EPAct (12-11)		
	NEMA Premium (12-12)		
Footless Motors - C-Face, D-Flange, P-Base Normal thrust & IEC Flange Does not include Non-NEMA Customer specials	Standard		Not available Design B
	EPAct (12-11)		
	NEMA Premium (12-12)		
8-Pole (900RPM) ratings NEMA Design C	Standard		
	EPAct (12-11)		
	NEMA Premium (12-12)		
Close Coupled Pumps (JP, JM)	Standard		
	EPAct (12-11)		
	NEMA Premium (12-12)		
Fire Pump Motors	Standard		
	EPAct (12-11)		
	NEMA Premium (12-12)	Availability may be limited since Efficiency no benefit	
Voltages other than 230 or 460 i.e. 200, 208, 575V (Except Canada which will require 575V NEMA table 12-12).	Standard		
	EPAct (12-11)		
	NEMA Premium (12-12)		
Special Shafts and/or Special flanges TZ, TY, TCZ, TDY.... Ratings higher than 8 poles. Dedicated VFD Motors not suitable DOL (direct on line Sine wave 60Hz)	Standard		Availability may be limited due to manufacturer standardization
	EPAct (12-11)		
	NEMA Premium (12-12)		