

# EUROPE UNION



<b>NEW 07/2021</b>	<b>NEW 07/2023</b>
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Regulation	Directive 2009-125-EC Regulation 640-2009	Regulation EU 1781/2019				
Standard	IEC 60034-30-1					
Power supply system	Three-phase				Single-phase	
Minimum energy performance	IE3	IE3	IE2	IE4	IE2	
Minimum energy performance when is able to operate with inverter frequency	IE2	IE3	IE2	IE4	IE2	
Output (kW)	0,75 up to 375 kW	0,75 up to 1000 kW	0,12 up to 0,75 kW	75 up to 200 kW	0,12 up to 0,75 kW	
Number of poles	2 / 4 / 6	2 / 4 / 6 / 8		2 / 4 / 6		
Voltage (V)	up to 1000 V					
Frequency (Hz)	50 Hz or 50/60 Hz					
Service Duty	S1, S3 ≥ 80% or S6 ≥ 80%					
Cooling method	TEFC, TEBC, ODP	TEFC, TEBC, ODP, TEAO				
Degree of protection	IP 00 up to IP 66					
Area classification	Safety area	Safety and hazardous area (Ex ec, Ex tc, Ex tb, Ex db, Ex dc, Ex db eb)		Safety area	Hazardous area (Ex eb)	
Altitude	Up to 4000 m					
Ambient temperature	-30 up to 60 °C					
Required documentation	Self declaration					

**IE3**

