

Certification number & Registered product		MF2-B002 Fiber Laser Cutting		Product scope	ENSIS-Aje, -Rle series				
Registered company		AMADA CO. LTD.		Certified product	ENSIS3015Aje(3kW,6kW,9kW,12kW,15kW) ENSIS3015Rle(3kW,6kW,9kW) ENSIS4020Aje(3kW,6kW,9kW,12kW,15kW)				
Production of criteria-base product		April, 2015		Criteria- base product	FOM2 3015NT/LCG 3015AJ				
Requirements & Environment factors		Evaluation item	Criteria	Evaluation result and/or remarks					
(1) Essential requirement				ENSIS3015Aje/4020Aje					
Total energy consumption				3kW vs FOM2 3015NT(4kW)	6kW vs FOM2 3015NT(4kW)	9kW vs FOM2 3015NT(4kW)	12kW vs FOM2 3015NT(4kW)	15kW vs FOM2 3015NT(4kW)	
Energy saving	Energy consumption	Reduction ratio	40% or more reduced	92%	90%	88%	84%	80%	
				based on JFMA criteria					
(1) Essential requirement				ENSIS3015Rle					
Total energy consumption				3kW vs FOM2 3015NT(4kW)	6kW vs FOM2 3015NT(4kW)	9kW vs FOM2 3015NT(4kW)			
Energy saving	Energy consumption	Reduction ratio	40% or more reduced	91%	89%	86%			
				based on JFMA criteria					
(2) Selective requirement									
Resouc e saving	Operating oil	Total consumption	10% or more reduced	100%					
Environm ent conservat ion	Safety	Safety standard		○					
	Hazardous materials	JFMA criteria		○					
	EMC	Applicable regulation		○					
Minimum selective		3 items or more		4 items					
(3) Recommendation requirement		Names of equipped devices/functions	Summary of effects on environmental burden reduction						
Environment factor	Energy saving, durability, long life, display/management of environment info., vibration/noise, emission (atmosphere, soil)	Idling stop	Reduce standby power by cutting off the power inside the control panel during idling stop.						
		AMNC4ie	Identify workers and switch to screens that match their skills						
		Eco Machine	Display of CO2 emission						
		assist gas control	Reducing power consumption through assist gas control						
		i-CAS	The function to easily layout and cut out leftover materials						
Minimum recommendation requirement		3 items or more		5 items					

Remarks:

1. Dec.10,2025; ENSIS3015AJe/4020AJe(15kW)are added.