

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													
Resource saving	Operating oil	Total consumption	10% or more reduced	100%									
Environment conservation	Safety	Safety standard		<input type="radio"/>									
	Hazardous materials	JFMA criteria		<input type="radio"/>									
	EMC	Applicable regulation		<input type="radio"/>									
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.