

EJ-APOLLO DUO Data sheet

MODEL	APOLLO DUO 3	APOLLO DUO 4
INPUT		
Max recommended photovoltaic range power	3300W	4400W
Max DC voltage (Voc)	520 V	520 V
Input voltage, MPPT operating range	90-450 V	90-450 V
Input voltage, MPPT operating range at full power	150-450 V	180-450 V
D.C. current for each channel	16A	16A
Max input current for each channel	14A	14A
Max input power for each channel	2100W	2520W
Ground fault protection PV	YES	YES
Input channel configuration	SI	SI
(the inverter automatically recognises the set configuration)	Two channels with independent MPPT or one channel combining the positive poles	
OUTPUT		
Rated output power	3000 W	4000W
Max range mains power	185V to 270v	185V to 270v
Rated power voltage	230 Vac	230 Vac
Max range mains frequency	47 to 63 Hz	47 to 63 Hz
Rated mains frequency	50Hz	50Hz
Operating range frequency in compliance with guide rules for connections	49,71 to 50,29 Hz	49,71 to 50,29 Hz
Current distortion	< 3%	< 3%
Anti-islanding protection	in compliance with guide rules for connections	
Max efficiency	96,4%	96,4%
Efficiency (euro)	95,8%	95,7%
Power consumption	<8W	<8W
ENVIRONMENT		
Heat dissipation	convection	convection
Running temperature	(-25°C to +60°C)	(-25°C to +60°C)
Level of protection	IP 65	IP 65
Relative humidity	0 to 100% condensation point	
Noise level	<35dba @ 1m	<35dba @ 1m
INTERFACE		
128x64 dot matrix graphic LCD	functions selected by keys	
Remote communication interface	RS485	
MECHANICAL SPECIFICATIONS		
Dimensions (height x width x depth)	580x455x150	
Weight	24kg	

Note: The information provided in this publication, including product warranty and performance specification, is subject to change without notice and should not be used as the definitive source of information. Ecojoule is not responsible for damages caused by not verified electrical specifications.