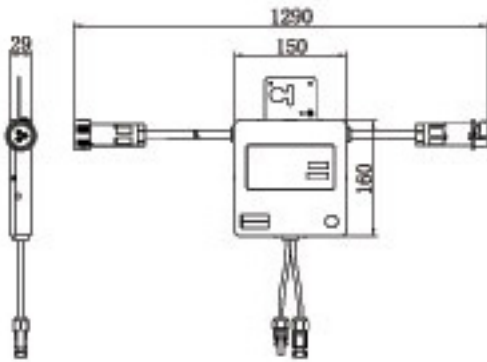




APS

Introduction

- Maximum output power 250 W
- Lighter, thinner, smaller
- Peak Efficiency 95.5%



YC250-EU



Advantages

-  Safety No DC high voltage, no personal injury and fire hazard
-  Flexibility Adapted anywhere, single cable accesses
-  Reliability Design lifetime 25 years
-  Cost saving Simplified design, no DC elements, labor saving
-  Smart MLPM, worldwide on-line system troubleshooting
-  Productivity Up to 25% more energy harvest

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YC250 Microinverter

TYPE

YC250-EU

Input Data (DC)

Recommended PV module power (STC) range (W)	180~310
MPPT voltage range (V)	22~45
Operation voltage range (V)	12~55
Maximum input voltage (V)	55
Startup voltage (V)	20
Maximum input current (A)	10.5

Output Data (AC)

Maximum output power (W)	250
Maximum output current (A)	1.08
Maximum output voltage (V)	230/200-270 ¹
Nominal output frequency (Hz)	50/47.5-50.5 ¹
Power factor	>0.99
Total harmonic distortion	<3%
Maximum units per branch	14/20A breaker 18/25A breaker

Efficiency

Peak inverter efficiency	95.5%
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Mechanical Data

Operating ambient temperature (°C)	-40 ~ +65
Operating internal temperature (°C)	-40 ~ +85
Storage temperature range (°C)	-40 ~ +85
Dimensions (W x H x D, mm)	160 x 150 x 29
Weight (kg)	1.5
Enclosure rating	IP65
Cooling	Nature Convection

Features & Compliance

Communication	Powerline
Design lifetime (year)	25
Emissions & Immunity (EMC) compliance	EN 61000-1/2/3/4
Safety class compliance	EN 62109-1&2
Grid connection compliance	EN50438:2007, VDE4105(Except sections 6.5 and 8.3.1) and VDE0126-1-1/A1

¹Programmable through ECU to meet customer need.

APS America R&D

Add: 19925 Stevens Creek Blvd, Suite 100, Cupertino, CA 95014
Tel: 01 408 973 7888

APS America TS

Add: 1015 Hostmark St. Suite 104 Poulsob, WA 98370
Tel: 01 206 855 5100

APS Australia

Add: 6/11-17 Banks Street, Mays Hill, NSW 2145, Australia
Tel: +61 2 9633 3478

APS China HQ

Add: No.1, Yatai Road, Nanhu District, Jiaxing, Zhejiang
Tel: +86 573 8398 6967

APS Shanghai

Add: B403 No. 188, Zhangyang Road, Pudong, Shanghai.
Tel: +86 21 3392 8205

APS Europe

Add: Cornelis Bloemaertsingel 40, 3067NJ, Rotterdam
Tel: +31 641518386

24 hours Hotline: 400-100-8470
info@altenergy-power.com

