

EZ1D

Slimmer Design, Simpler Install

UPGRADE



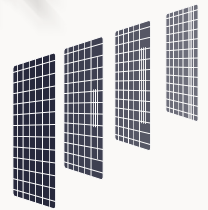
Slimmer by 20%
easier to install

Independent MPPT
with high input current capability

20A

Compatible with
high-power modules

DC system voltage
 $\leq 120V_{oc}$



IP67

for maximum reliability



Built-in

Wi-Fi + Bluetooth
for easy commissioning & monitoring



Maximum continuous

output power 2000W



Model	EZ1D-L	EZ1D	EZ1D-H
Region		EMEA	

Input Data (DC)

Recommended PV Module Power (STC) Range	315Wp-610Wp+	315Wp-660Wp+	315Wp-660Wp+
Peak Power Tracking Voltage		56V-90V	
Operating Voltage Range		52V-118V	
Maximum Input Voltage		118V	
Maximum Input Current		20A x 2	
Isc PV		25A x 2	

Output Data (AC)

Maximum Continuous Output Power	1600VA	1800VA	2000VA
Nominal Output Voltage/Range		230V/184V-253V	
Nominal Output Current	7.0A	7.8A	8.7A
Nominal Output Frequency/ Range		50Hz/47.5Hz-51.5Hz	
Default Power Factor		0.99/0.9 leading...0.9 lagging	

Efficiency

Peak Efficiency	96.7%
Nominal MPPT Efficiency	99.5%
Night Power Consumption	20mW

Mechanical Data

Operating Ambient Temperature Range	- 40 °C to + 65 °C
Storage Temperature Range	- 40 °C to + 85 °C
Dimensions (W x H x D)	283mm x 233mm x 39.5mm
Weight	4.2kg
DC Connector Type	Stäubli MC4 PV-ADBP4-S2&ADSP4-S2
AC Extension Cable	Customer Self-provided ⁽¹⁾
Cooling	Natural Convection - No Fans
Enclosure Environmental Rating	IP67

Features

Communication	Built-in Wi-Fi and Bluetooth
Isolation Design	High Frequency Transformers, Galvanically Isolated
Energy Management	AP EasyPower APP ⁽²⁾
Warranty ⁽³⁾	12 Years Standard

Compliances

Safety, EMC & Grid Compliances	EN/IEC 62109-1; EN/IEC 62109-2; EN 62920; EN 55011; EN IEC 61000-6-3; EN IEC61000-6-4; EN IEC 61000-6-1; EN IEC 61000-6-2; EN IEC 61000-3-2; EN 61000-3-3; VDE-AR-N 4105
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⁽¹⁾It is recommended that customers should use the 2.5 mm² AC extension cable or according to local regulations.

⁽²⁾The EasyPower App only supports monitoring of 2 units of product from the EZ1D series.

⁽³⁾Support and warranty is not available for rooftop installation systems.

⁽⁴⁾APsystems' Microinverter Systems fully meet the rapid shutdown requirement without the need to install additional electrical equipment.



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