

Hybrid Inverter

AEV-5048

General

Model	AEV-5048
Dimensions (W x D x H)	600 x 460 x 204.2 mm
Net Weight	29 kg

Interface

Communication Port	RS-232 / USB
Available Slots	Optional SNMP, Modbus, and AS-400 cards

Ambient Conditions

Humidity	0 ~ 90% RH (No Condensing)
Operating Temperature	-10°C ~ 55 °C
Protection Level	IP20

Standards & Guidelines

Safety	IEC62109-1&-2
EMC	EN61000-6-1/2/3/4, EN 61000-3-11/12

Hybrid Operation

PV Input (DC)

Max. Input PV Power	10000W
Max. DC Voltage	900 V
Nominal DC Voltage	720V
Start-up DC Voltage	250 V
MPP Voltage Range	250 ~ 850 V
MPPT Number	2
Max. Input Current	2 x 10 A

Output (AC)

Rated Power	5000 W
Peak Power(Backup)	5.5kW 1Min, 7.5kW 30S, 10kW 1S
Nominal Output Voltage	230 V
Output Voltage	184 ~ 265 V
Nominal Output Current	21.7 A
Phase	Single Phase

Battery Input (DC)

Nominal DC Voltage	48 V
Max. Charging Current	100A
Max. Discharging Power	5 kW

Efficiency

Max. Efficiency	91%
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