

# GivEnergy®

## AC Coupled



Advanced Online Monitoring



Wi-Fi or 3G connectivity



Suitable for new solar installations



Brackets and fixings included



Flexible rate tariff compatible



IP65 for multiple siting options



Built in back up terminals for essential circuits



Shows PV generation on portal



Low maintenance design



Monitor multiple forms of generation



Smart Monitoring To Existing Installations



<https://www.givenergy.co.uk>



## AC Coupled

### Output Data (AC)

Nominal AC Output Power	3000W
Max AC Apparent Power	3000VA
Max Output Current	15A
AC Nominal Voltage; Range	202V - 262V
AC Grid Frequency; Range	50Hz $\pm$ 5Hz
Power Factor At Rate Power	1
Power Factor	0.9 Leading...0.9 Lagging
THDI	<3%
AC Connection	Single Phase (Multiple Units Can Be Installed For 3 Phase)

### Battery Power

Nominal Power	3000W
Max Charging/Discharging Current	60A / 60A

### Backup Output

Output Rated Power	3000VA
Peak Power	3600VA, 10s
Output Voltage	230Vac $\pm$ 2%, 50Hz (60Hz Optional) $\pm$ 0.2%, THDV<3% (Linear Load)

### Efficiency

Max Efficiency	97.10%
Euro - ETA	96.5%

### Protection Devices

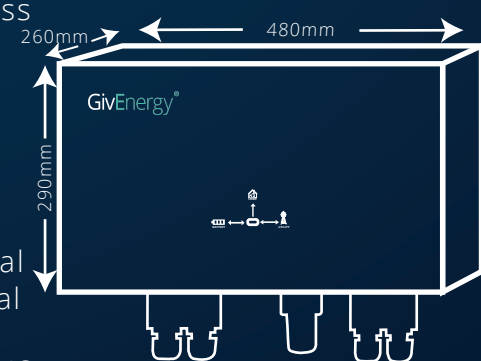
Output Over Current Protection	Yes
Output Over voltage Protection-Varistor	Yes
Ground Fault Monitoring	Yes
Grid Monitoring	Yes
Max Inrush Current	30A Peak
Max Output Fault Current	40A Peak
Max Output Overcurrent Protection	25A RMS
All Pole Sensitive Leakage Current Monitoring	Yes

### General Data

Weight	19KG
Operating Temperature Range	-25°C To 60°C With Derating Above 45°C
Consumption: Operating (Standby) / Night	<5W / < 0.5W
Topology	Transformerless
Cooling Concept	Natural
Environmental Protection Rating	IP65

### Features

Pv Monitoring	CT / Meter
Grid Monitoring	Meter
Battery Connection	Screw Terminal
AC Connection	Screw Terminal
Display	LED
Interfaces: WI-FI/USB/GPRS/RS485/4G	Opt/Yes/Opt/Yes/Opt
Warranty: 5 Years/10 Years	Yes / Opt



### Certificates And Approvals

AA 4777, VDE-AR-N4105, VDE0126, G98, G99, IEC62109-1-2, IEC62040, EN61000-6-2, EN61000-6-3, EN50438, G100