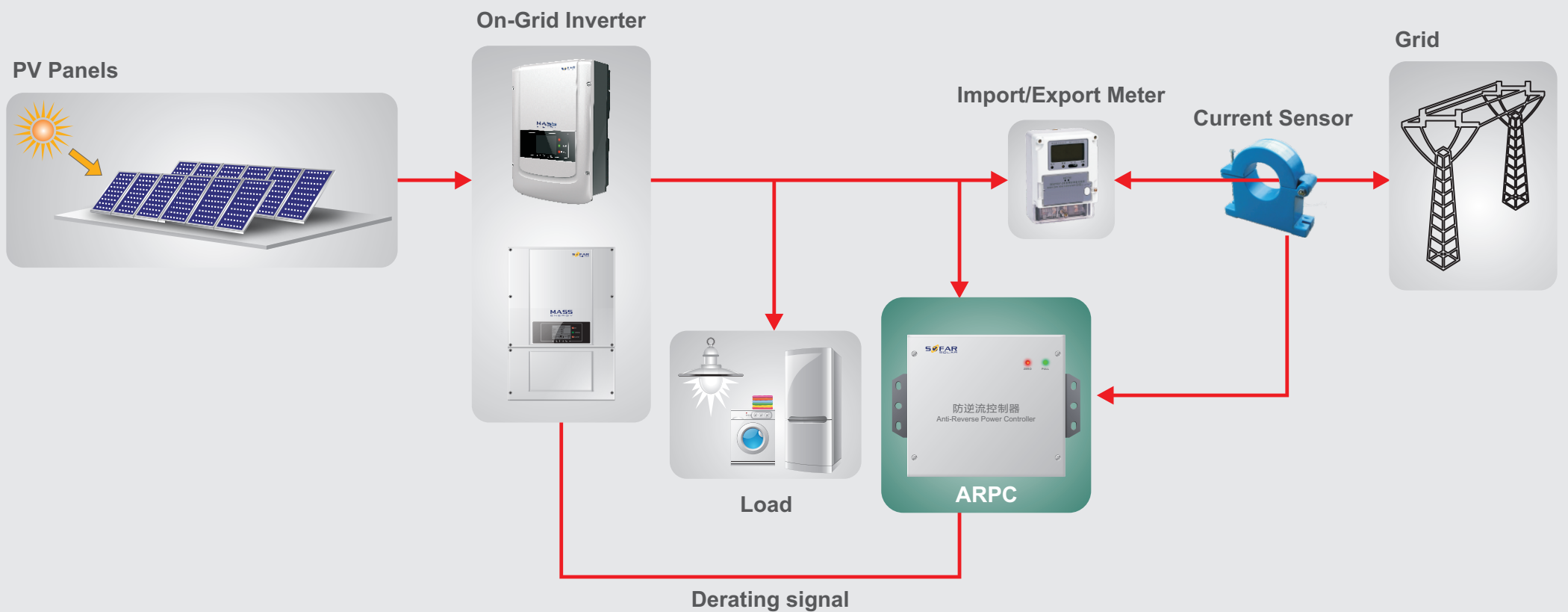


# Anti-Reverse Power Controller

for zero export PV station

- For Sofar 3 phase inverter
- Automatically send derating signals to inverter in realtime
- One device for several inverters
- Easy installation with split-core current sensor



# ARPC Specifications

## Power Supply

## Answers

Rated Supply Voltage

230/400VAC

Power Consumption

<3W

## Device

Operation Temperature

- 25 ° C to+ 60 ° C

Protection Class

IP30

Dimensions (Wx H x D)

200 x 180 x 55

Solar PV kW Compatability

Up to 1MW

Power Phase Connectivity

Single, Three

## Insulation Coordination

Device Voltage Insulation

5000 Vac

## Measuring Voltage Inputs

L1-N, L2-N, L3-N

90 - 270 Vrms

Rated Frequency

50/60 Hz

Frequency Range

45 - 65 Hz

## Measuring Current Inputs

Accuracy Class According IEC 62053-22

Class 1

Operating Range

0 - Ratio CT

Input

According to CT

Current Transformer Ratio (Primary)

According to CT

Current Transformer Ratio (Secondary)

0 - 200mA/5A(customized)

## Power Protection Measurements

Reverse Power

Yes

Response Time

1s

Sampling Rate per Channel (x 10 Channels)

300 per Half Cycle

Measuring Standard

NIST Standard

## Switching Elements Max Current/Voltage

Switching Elements Max Current/Voltage

2A/250 Vac 2A/220Vdc

Lifetime

50,000,000 Activations

Terminal Tightening Torque

0.5Nm

Number of Relays (4 Bit Binary Control)

4

Generation Whole Switching Relays

4

## Device Operation Indicators

Power to Unit

Green LED

Grid Available

Green LED

Generation Available

Red LED