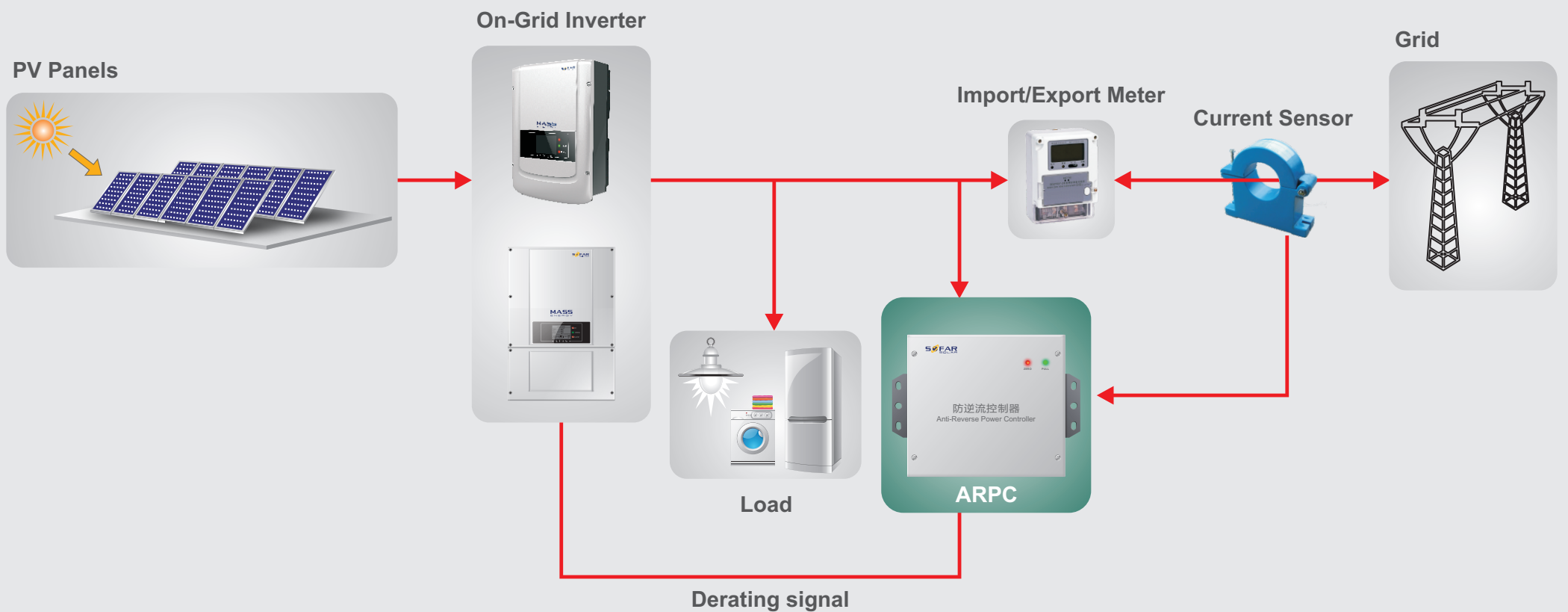


Anti-Reverse Power Controller

for zero export PV station

- Single phase, 3phase capable
- 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

230VAC

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 1.5 MW

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

0 - 1 A

Current Transformer Ratio (Primary)

Selected to Suit

Current Transformer Ratio (Secondary)

0 - 1 A

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 or 6 Bit Binary Control)

Maximum of 6

Generation Whole Switching Relays

Maximum of 6

Device Operation Indicators

Power to Unit

Green LED

Grid Available

Green LED

Generation Available

Red LED