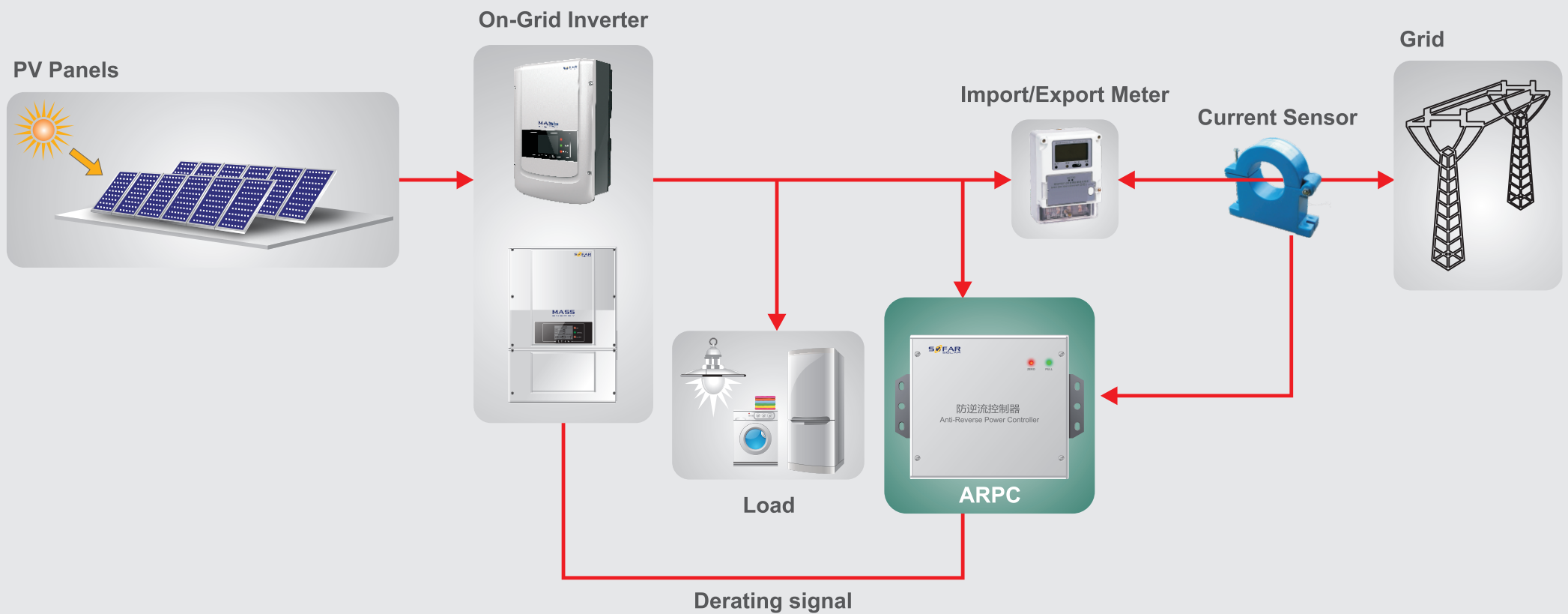


Anti-Reverse Power Controller

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		Below 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