JUSTSTANDOUT

The Energy Warriors

JUSTSTANDOUT SMART STRING INVERTER

Product Features

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Higher yields

Safe &Reliable

Smart

User-friendly

Residential PV Plant Solutions

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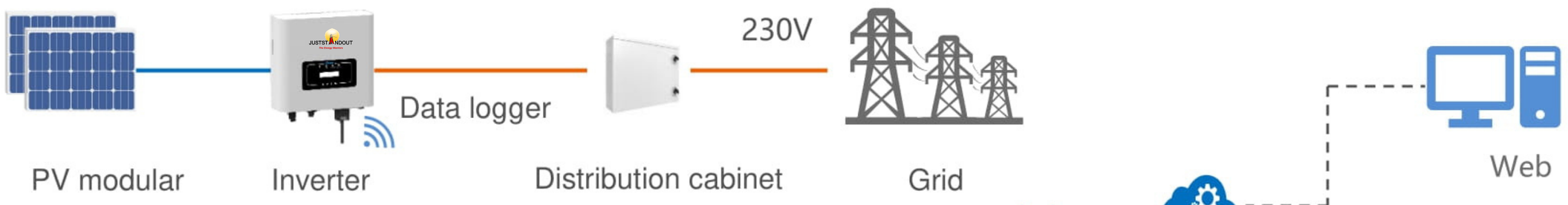
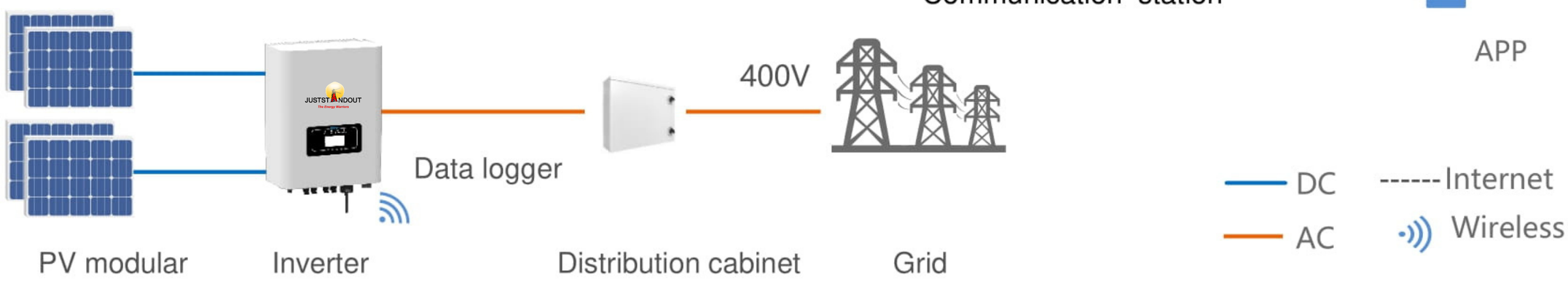
■ For single phase application, 1~6kW is recommended； Three phase application, 5-25kW is recommended. PV plant information is collected and transferred to server via data logger

- **Single phase application**



- **Three phase application**



Residential Inverters Product

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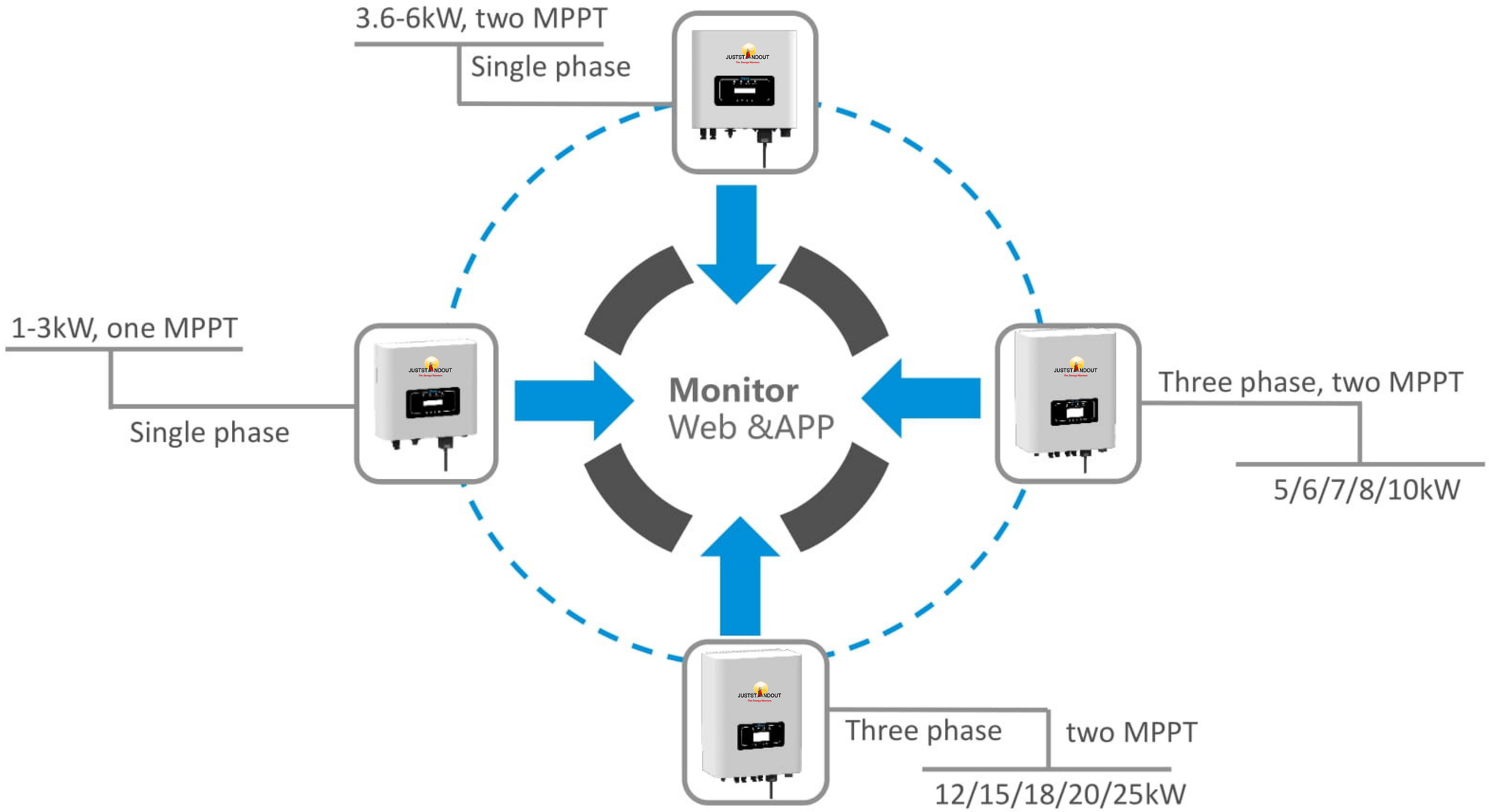
- A full range of products for residential applications from 1kW~25kW.



Higher Yields

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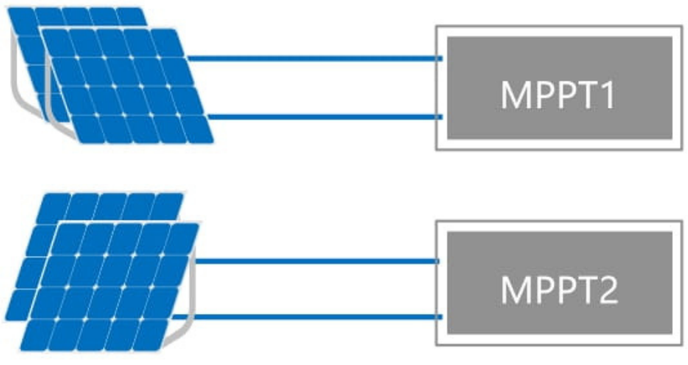
- Multiple MPPT design, applicable to different scenarios maximizing generation of solar

Single alignments

SUN 1/2/3K-G

Multiple alignments



SUN 3.6-25K-G

Higher Yields

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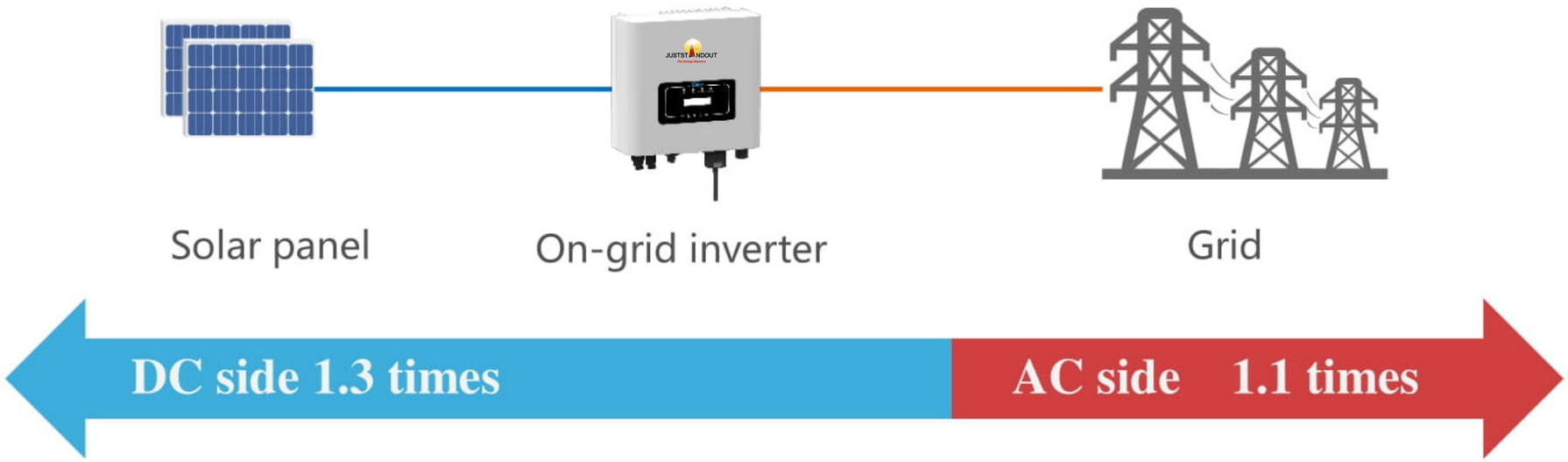
DC/AC ratio up to 1.3, saving equipment investment

- DC side input 1.3 times and 1.1 times for AC side
- Completely compatible with double-side solar panel, flexible choose different kinds PV modular
- Under some special conditions such as low irradiation, more solar panel connected will efficiently increase power generation



Higher Yields

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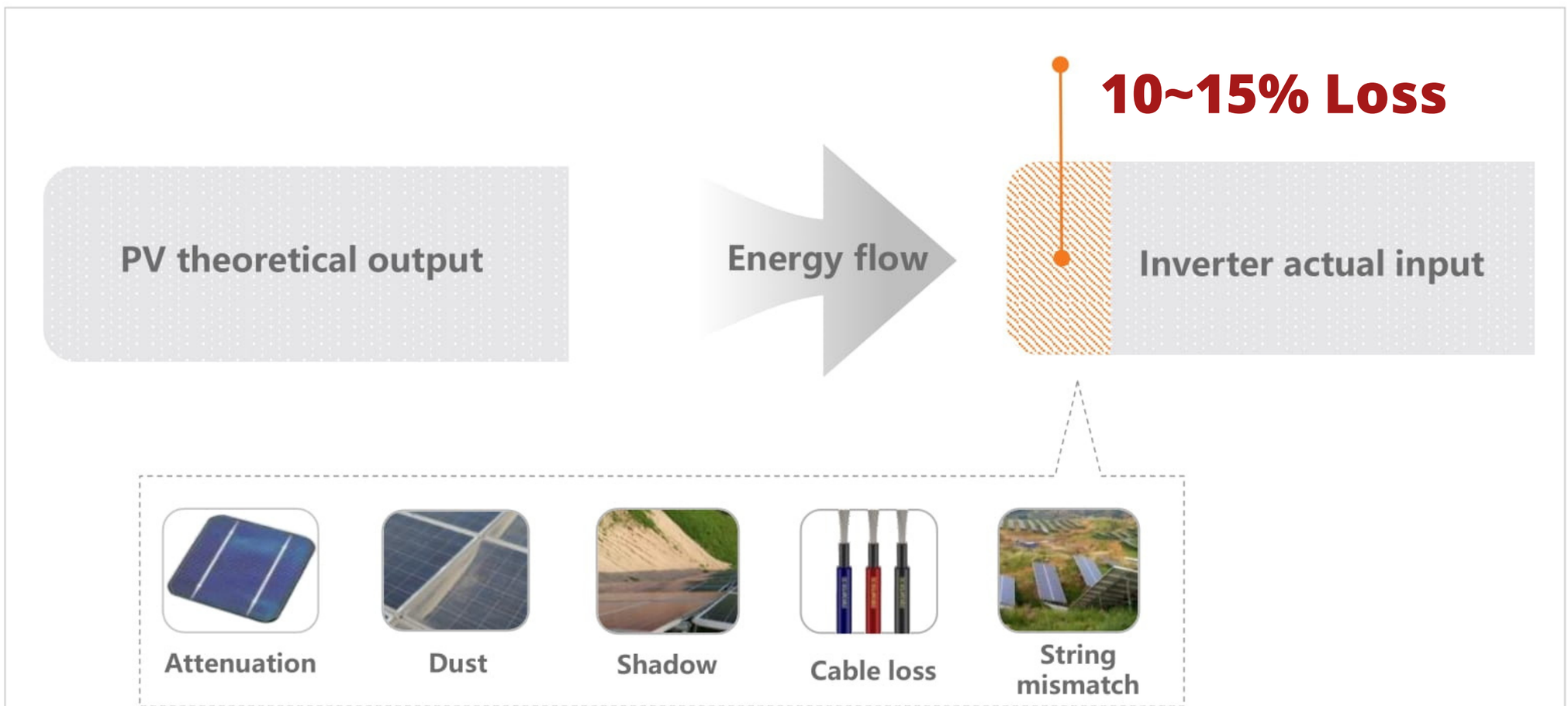
- If the DC/AC ratio of 1:1, the inverter works for a long time in light load mode, and the **inverter utilization rate is low**



Higher Yields

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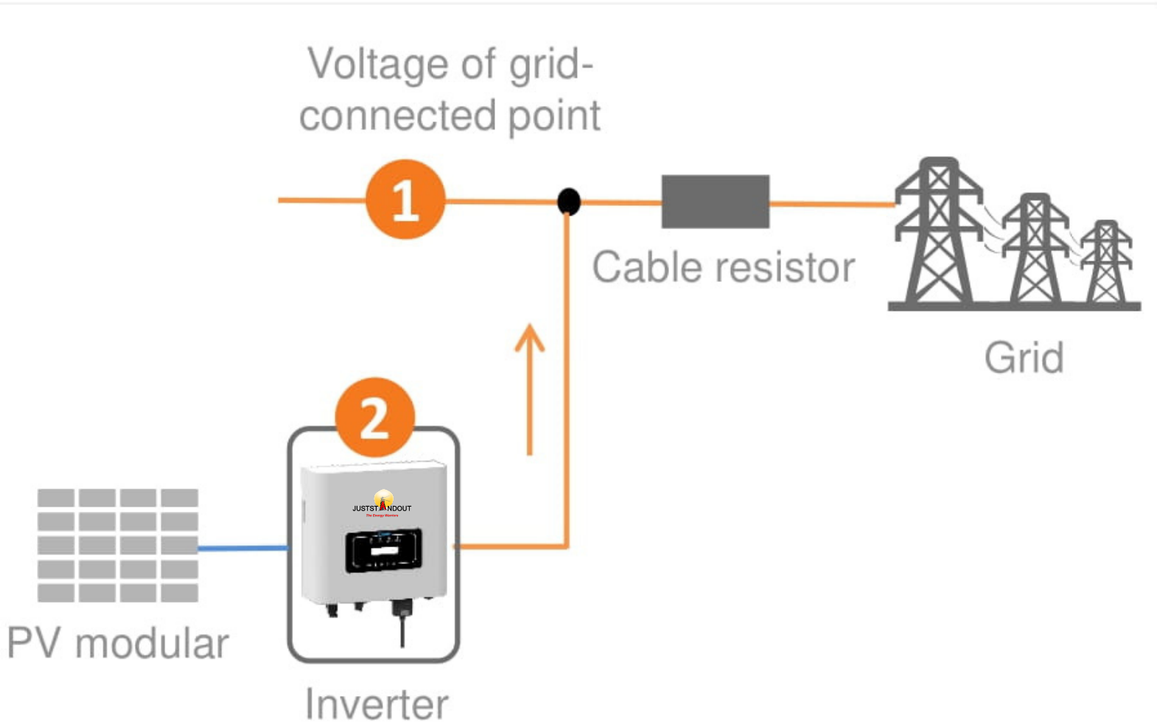
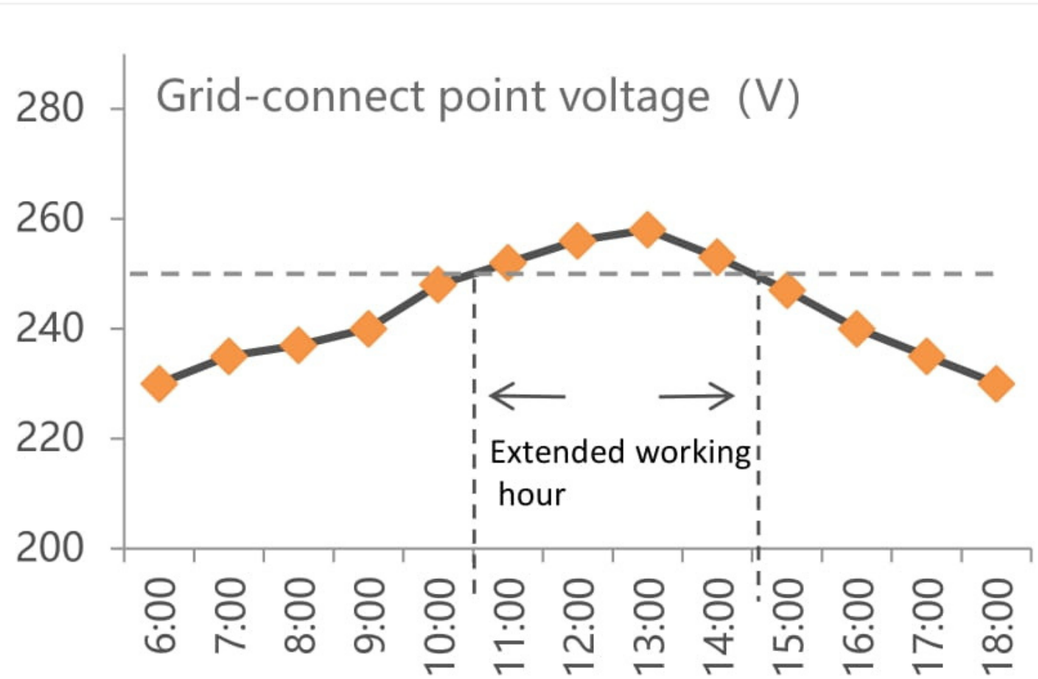
- Self-adaptive complex power grid, extending grid-connected time, more yields.



1 Voltage of grid-connected point

If the cable is very long, the impedance will large, causing the grid-connected point voltage to rise greatly.



2 Deye on-grid inverter, 180-300V AC

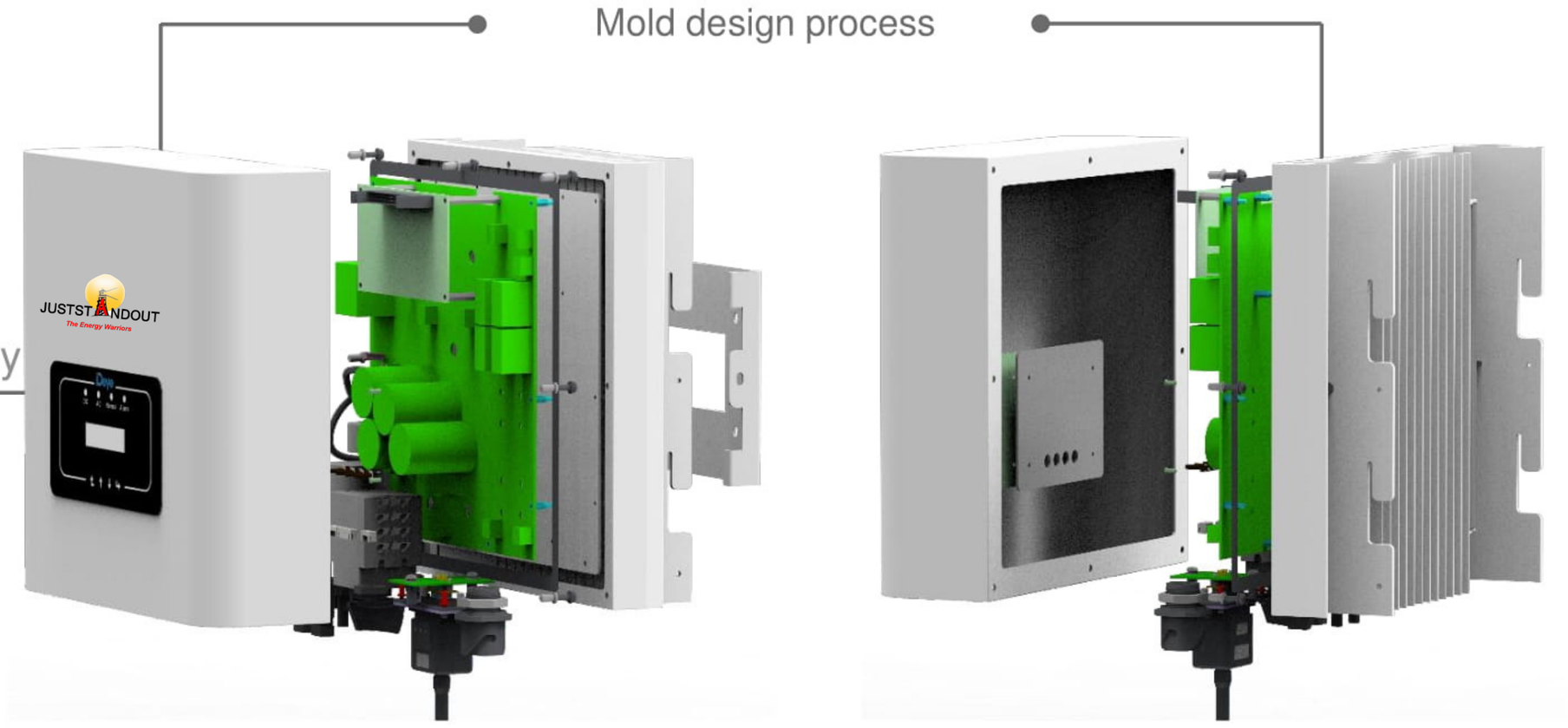
Smart algorithm control，proving wider range output voltage to reduce inverter stop working due to high AC voltage

Safe & Reliable

- Full series IP65 protection degree, sufficient heat dissipation, adapt to harsh environment, high reliability.
- The whole machine adopts mold design and processing technology, including an upper cover and a bottom cover integrated heat sink.

Mold design process

Anti-static spray



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Support VSG function

- **Support VSG function, Particularly suitable for area with unstable grid**
- Wide output voltage range, maximum voltage of 160/300Vac, adapting to unstable grid.
- When the grid voltage distortion exceeds 7%, the harmonic distortion rate is less than 4%
- PF value is higher than 0.95 under 5% load and range from 0.8 leading to 0.8 lagging
- High power measurement accuracy. When the load power is below 2%, the measurement accuracy is still high.
- With good impact resistance, when high-power inductive equipment starts and stops, it will not cause inverter failure and shutdown.

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Automatic Diagnosis

Built-in self-test program

- Several minutes quick diagnosis of overall system information after installation with just one click
- Show the error & fault code on the LCD
- Record recently Historical fault with waveform curve, easy to analysis
- Remotely set parameters and update firmware

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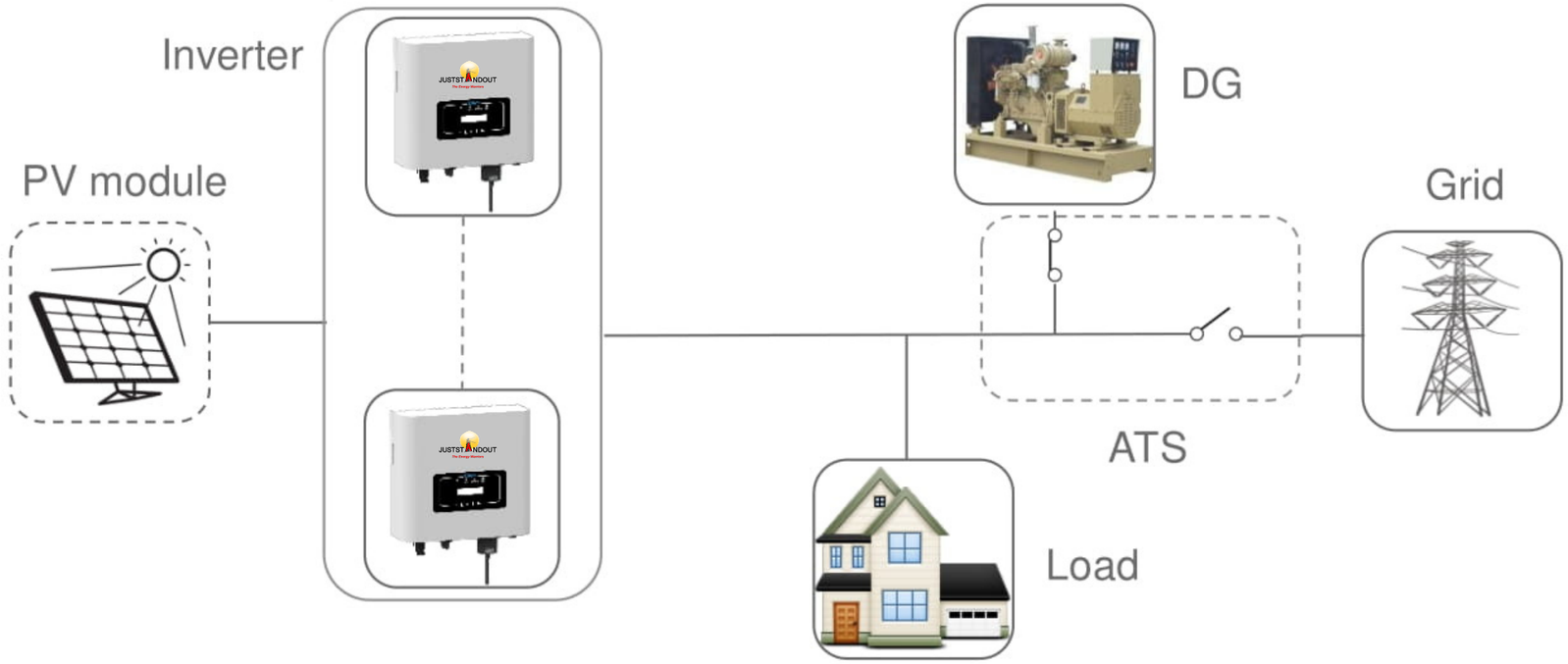
Support VSG function (II)

- When the utility grid cuts off, the inverter, able to work in parallel mode to increase total capacity, will work with DG together to power the load. ATS is provided by users.

- PS: this function is not available by default. Users need to enable it if it is needed.



Smart

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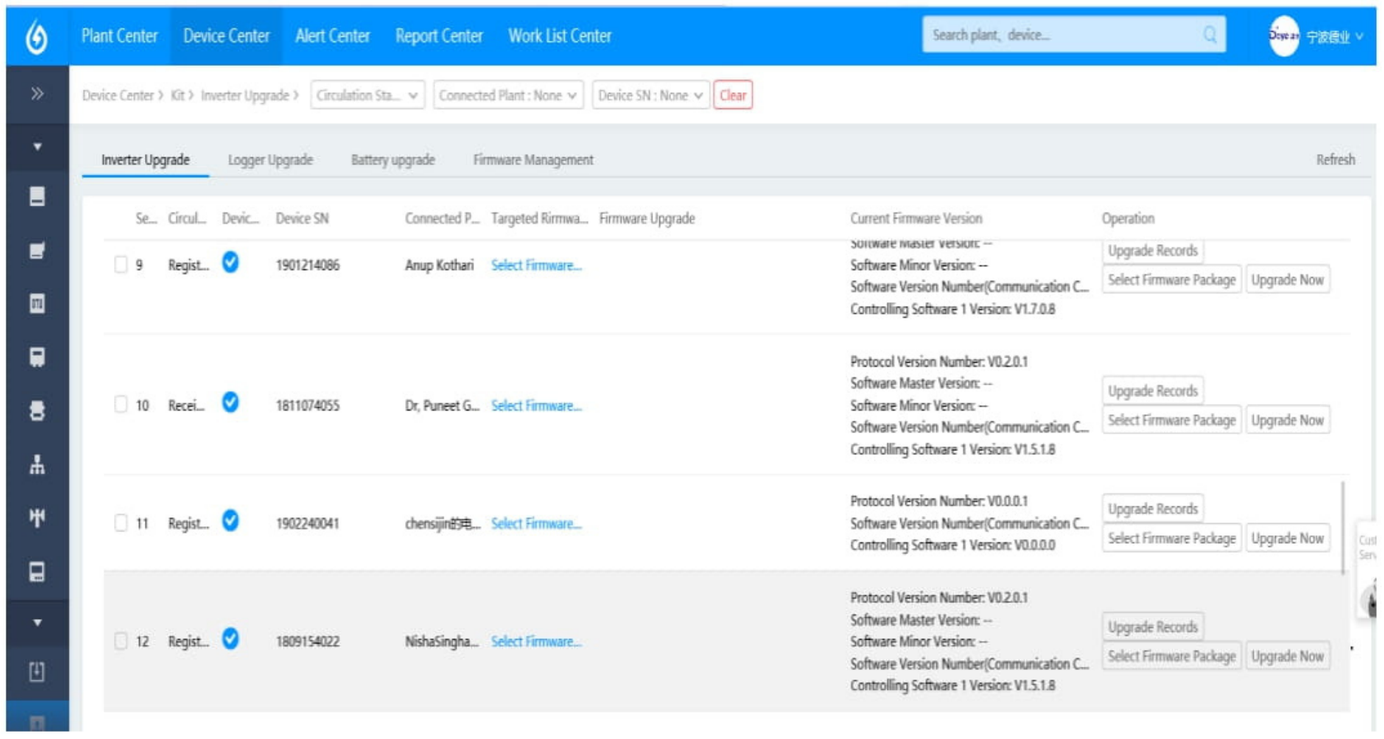
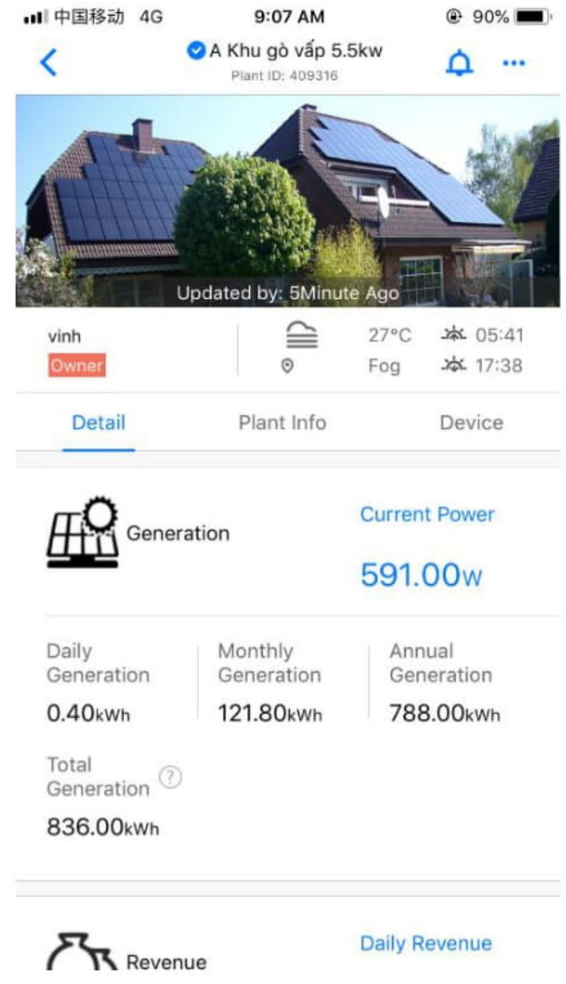
- Check your solar station by your mobile phone and PC at any time any where.
- For distributor and installer, they can find and fix problems before end user complaint





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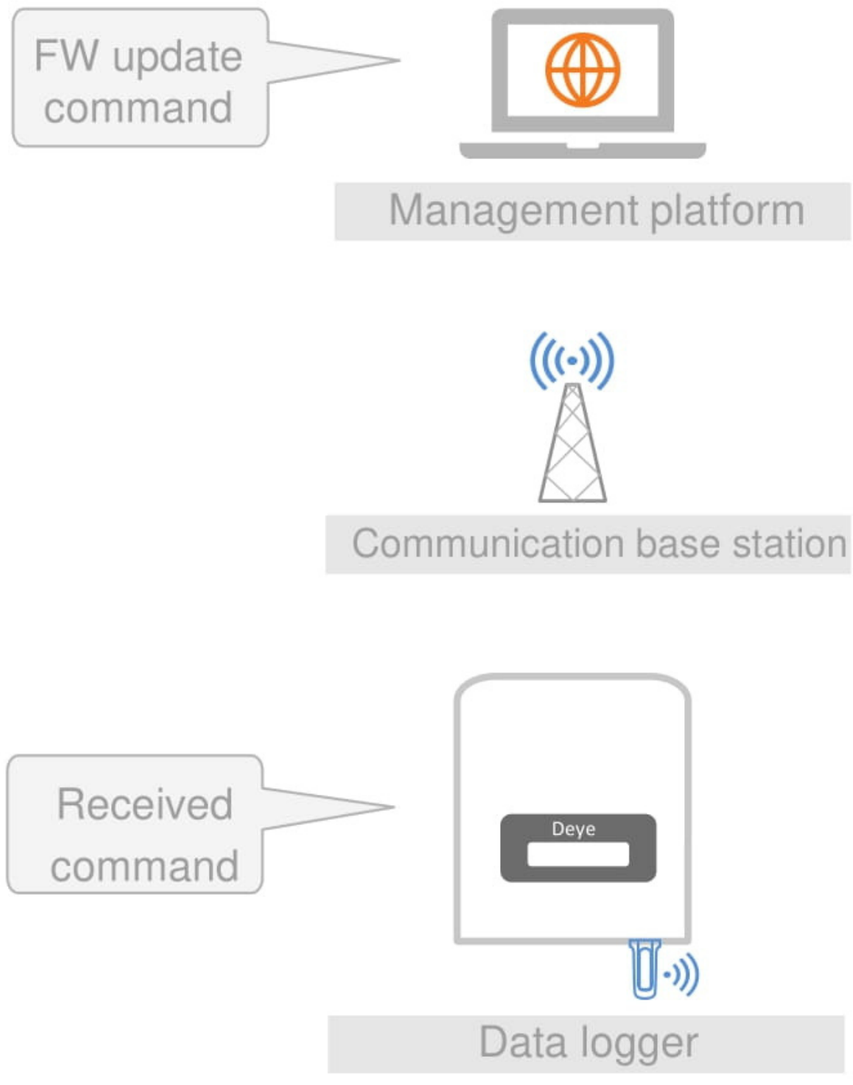
Support set parameter and FW update remotely



Short time for FW update

- Remotely inverter parameter setting and software upgrade within 20 minutes

Save time, save cost

- Not need O&M engineer on site to check and operation

Smart

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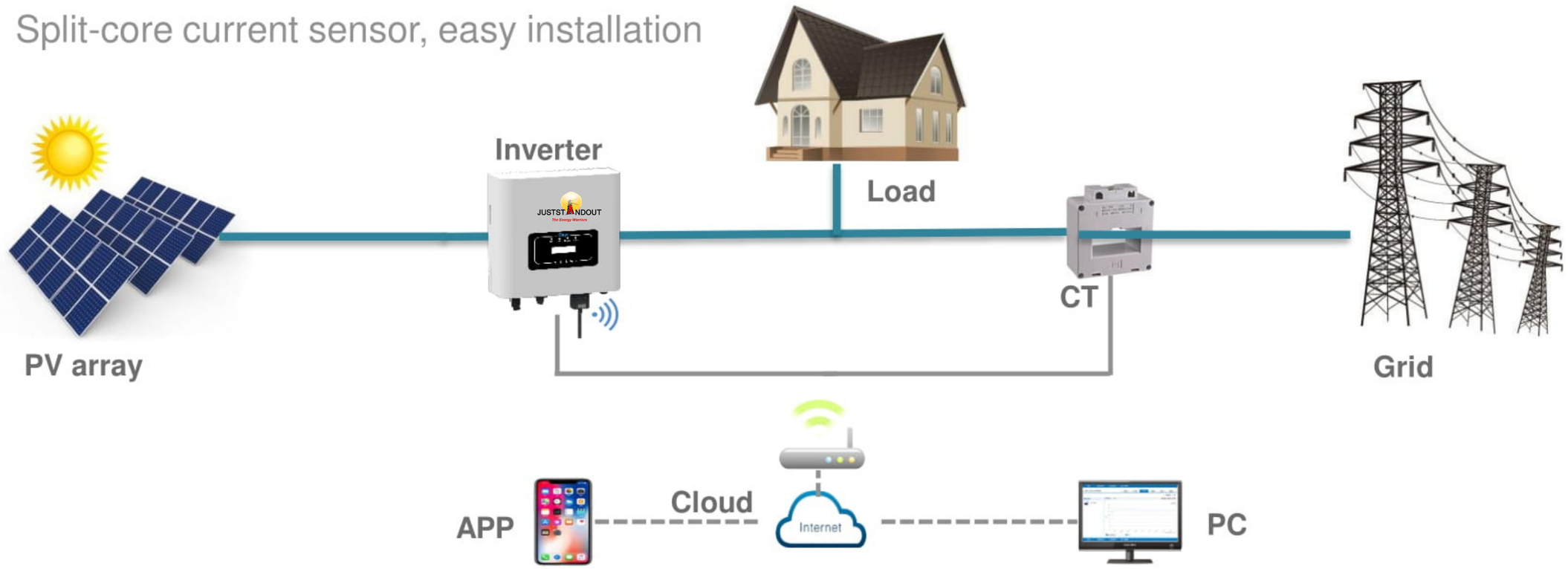
Export output control ntelligent adjust output power 0-100%, meeting different requirements.

- Response speed is within 0.5S
- Detection accuracy within 20W
- Split-core current sensor, easy installation



*System diagram for zero export control diagram of single phase inverter

Smart

Export output control -intelligent adjust output power 0-100%, meeting different requirements.

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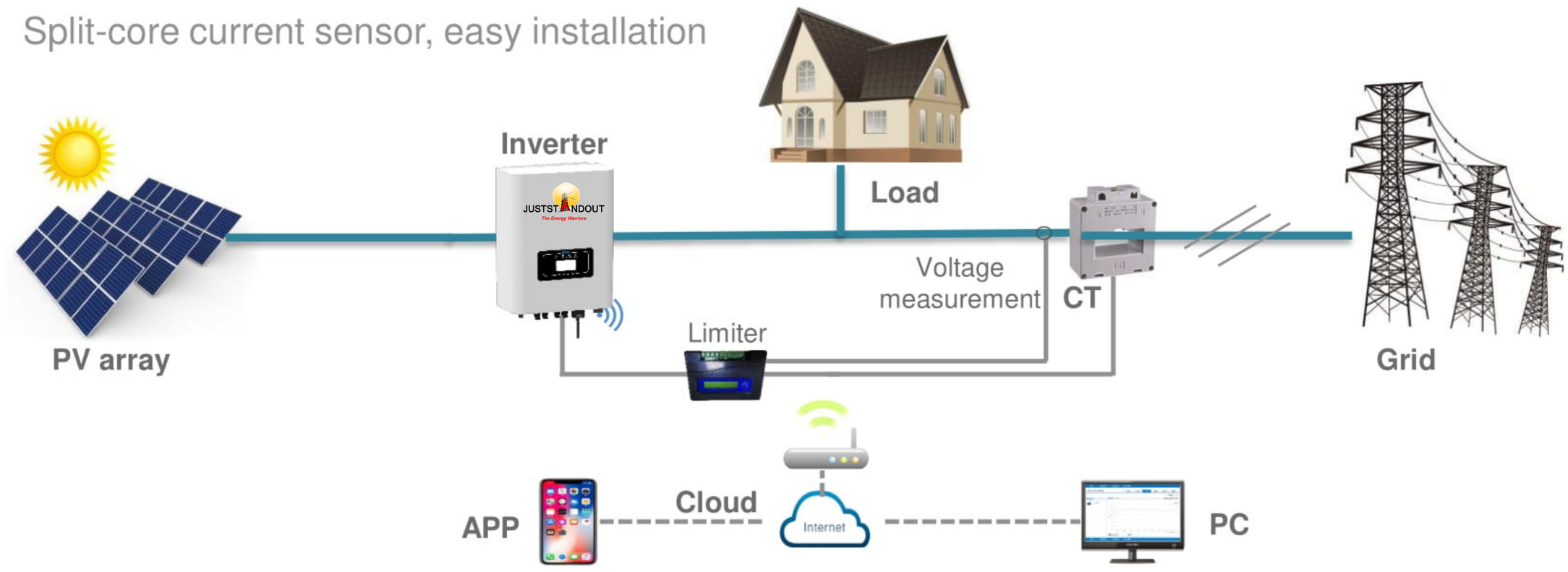
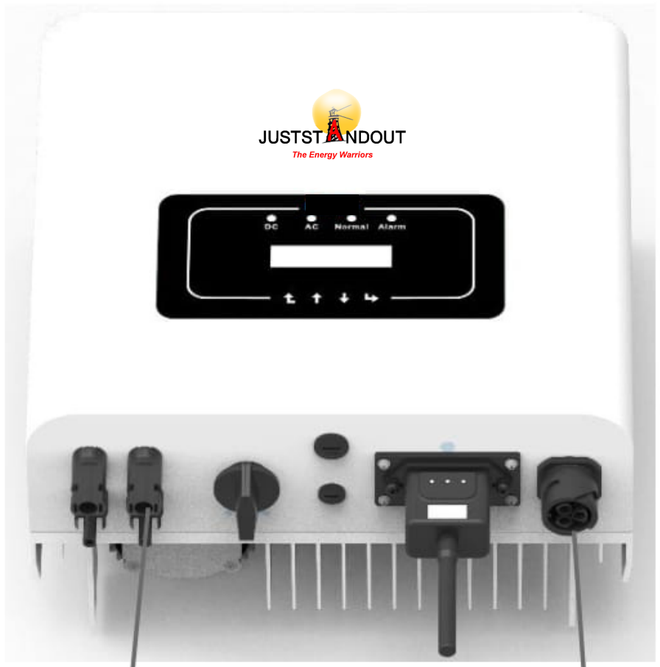
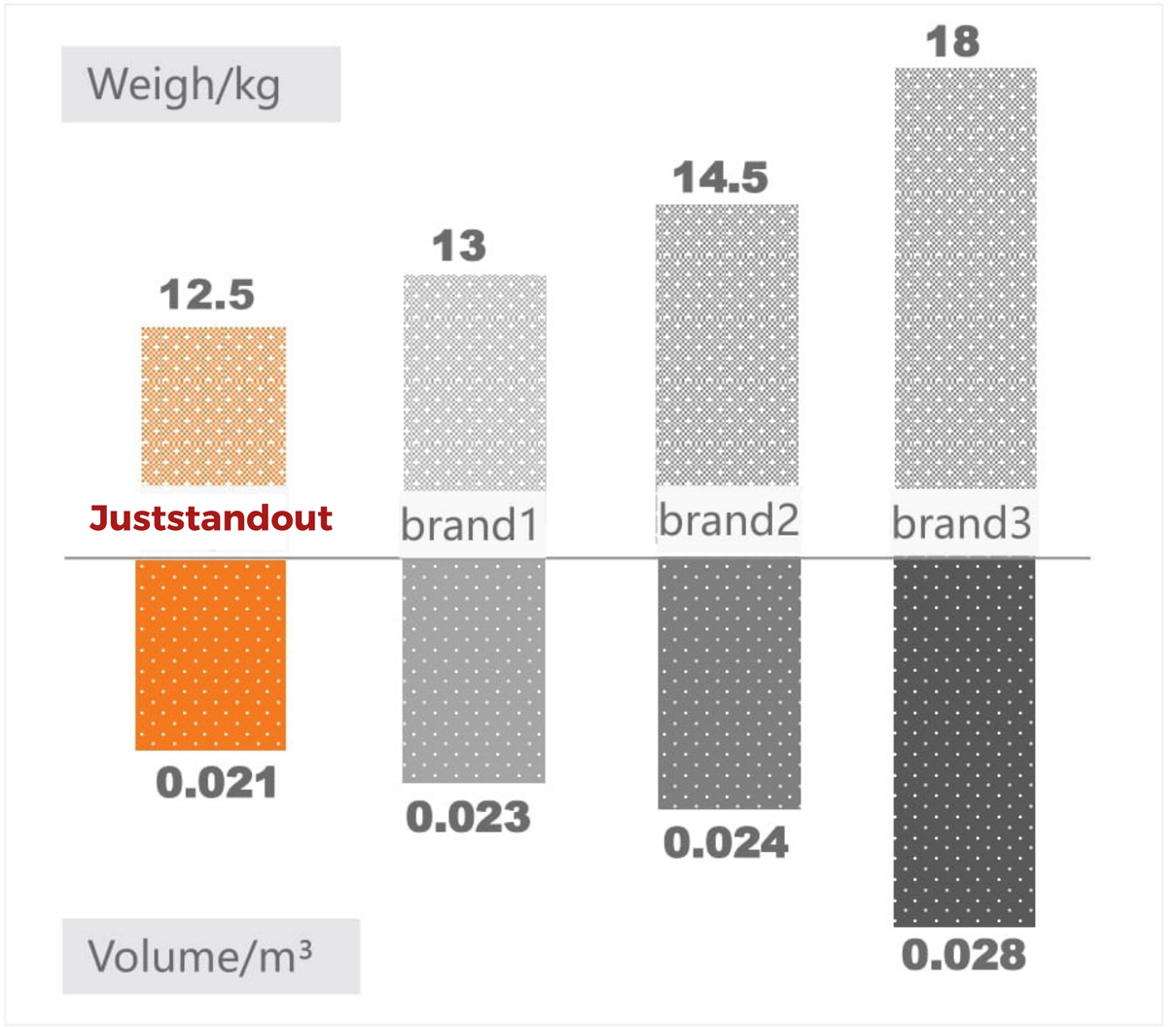


*System diagram for zero export control diagram of three phase inverter

User-friendly

- Adopt screw crimp terminal design for DC and AC side, convenient installation and maintenance
- Compact design, high power density, easy transport





User-friendly

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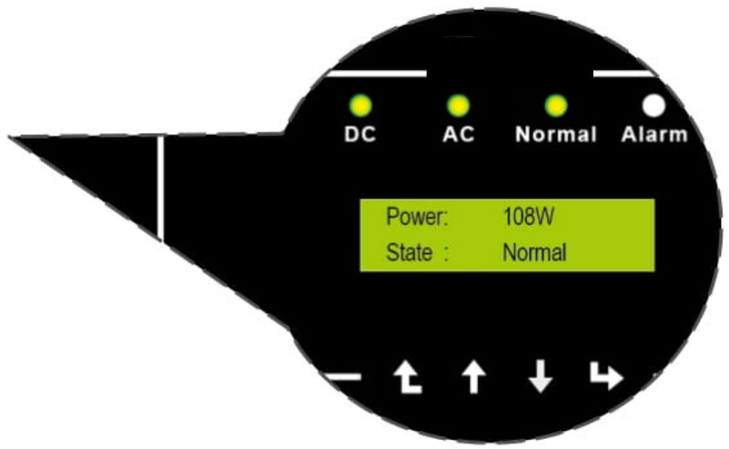
- **Local graphic LCD display** with buttons, more reassurance after seeing the data



PV Status	AC Status	Work Status	Alarm
ON：Normal OFF：Abnormal	ON：Normal OFF：Abnormal	ON：Normal OFF：Abnormal	ON：Error OFF：Normal

Thanks!
Let's continue to bridge the #kilowattdivide while reducing our carbon footprint 👣 .
#DSERA"

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