

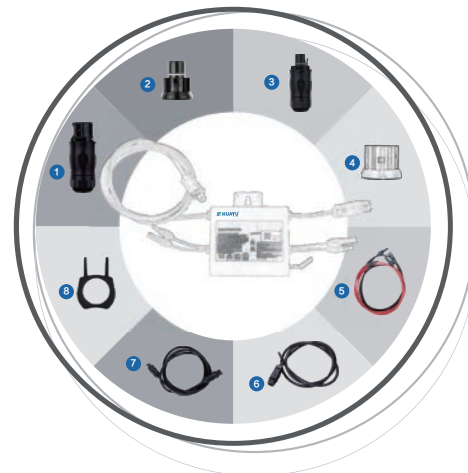
# Huayu Microinverter Line-up

| Input Data(DC)                 | HY-500-Pro            | HY-600-Pro                  | HY-600-Pro-127V      | HY-1000-Pro  | HY-1200-Pro           | HY-1300-Pro                 | HY-800-Pro                    | HY-1600-Pro                   |
|--------------------------------|-----------------------|-----------------------------|----------------------|--|-----------------------|-----------------------------|-------------------------------|-------------------------------|
| Recommended Input Power        | 2 × 210~400W          |                             | 2 × 210~400W         | 4 × 210~400W   |                       |                             | 2 × 210W~470W                 | 4 × 210W~470W                 |
| Startup Voltage                | 20V                   |                             | 20V                  | 20V  |                       |                             | 22V                           | 22V                           |
| Maximum Input DC Voltage       | 60V                   |                             | 60V                  | 60V  |                       |                             | 60V                           | 60V                           |
| MPPT Voltage Range             | 25~55V                |                             | 25~55V               | 25~55V   |                       |                             | 25~55V                        | 25~55V                        |
| Operating DC Voltage Range     | 20~60V                |                             | 20~60V               | 20~60V   |                       |                             | 20~60V                        | 20~60V                        |
| Max DC Short Circuit Current   | 13A                   |                             | 13A                  | 13A  |                       |                             | 13A                           | 13A                           |
| Max Input Current              | 2 × 10.4              |                             | 2 × 10.4             | 4 × 10.4   |                       |                             | 2 × 10.4                      | 4 × 10.4                      |
| <b>Output Data(AC)</b>         |                       |                             |                      |  |                       |                             |                               |                               |
| Peak Output Power              | 500W                  | 600W                        | 600W                 | 1000W  | 1200W                 | 1300W                       | 800W                          | 1600W                         |
| Maximum Output Current         | 2.17A                 | 2.884A/2.5A                 | 4A                   | 4.34A  | 4.34A                 | 6.25A/5.416A                | 3.5A                          | 7.0A                          |
| Nominal Voltage/Range          | a.c. 184~265V @230Vac | 208V/183~229V 240V/211~264V | a.c. 95~155V @127Vac | a.c. 184~265V @230Vac                                | a.c. 184~265V @230Vac | 208V/183~229V 240V/211~264V | 230V/184~265V                 | 230V/184~265V                 |
| Nominal Frequency/Range        | 50.0/47.5~51.5Hz      | 60.0/59.3~60.5Hz            | 60.0/59.3~60.5Hz     | 50.0/47.5~51.5Hz                                     | 50.0/47.5~51.5Hz      | 60.0/59.3~60.5Hz            | 50/47.5-51.5Hz 60/59.3-60.5Hz | 50/47.5-51.5Hz 60/59.3-60.5Hz |
| Extended Frequency/Range       | 50.0/45~55Hz          | 60.0/55~65Hz                | 60.0/55~65Hz         | 50.0/45~55Hz   | 50.0/45~55Hz          | 60.0/55~65Hz                | 60.0/55~65Hz                  | 60.0/55~65Hz                  |
| Power Factor                   | >0.95                 |                             | >0.95                | >0.95  |                       |                             | >0.99                         | >0.99                         |
| Maximum Units per Branch       | 8                     |                             | 5                    | 5  |                       |                             | 6                             | 3                             |
| <b>Efficiency</b>              |                       |                             |                      |  |                       |                             |                               |                               |
| CEC Weighted Efficiency        |                       |                             | 95%                  |  |                       |                             | 95.5%                         | 95.5%                         |
| Peak Inverter Efficiency       |                       |                             | 96.5%                |  |                       |                             | 96.4%                         | 96.3%                         |
| Static MPPT Efficiency         |                       |                             | 99%                  |  |                       |                             | >99.5%                        | >99.5%                        |
| Night Time Power Consumption   |                       |                             |                      | <50mW  |                       |                             |                               |                               |
| <b>Mechanical Data</b>         |                       |                             |                      |  |                       |                             |                               |                               |
| Ambient Temperature Range      |                       |                             |                      | -40~65°C   |                       |                             |                               |                               |
| Dimensions (W×H×D)             | 185×161×29 mm         |                             |                      | 350 × 260 × 30 mm                                    |                       |                             | 185×161×29 mm                 | 350 × 260 × 30 mm             |
| Weight                         | 2.2kG                 |                             |                      | 6.3kG  |                       |                             | 2.2kG                         | 6.3kG                         |
| Cooling                        |                       |                             |                      | Natural Convection-No Fans                           |                       |                             |                               |                               |
| Enclosure Environmental Rating |                       |                             |                      | IP67   |                       |                             |                               |                               |
| <b>Features</b>                |                       |                             |                      |  |                       |                             |                               |                               |
| Compatibility                  |                       |                             |                      | Compatible with 60~72 cell PV modules                |                       |                             |                               |                               |
| Communication                  |                       |                             |                      | WiFi/Power line/Zigbee                               |                       |                             |                               |                               |
| Compliance                     |                       |                             |                      | UL1741, INMETRO, VDE0126 ,VDE4105, IEC62109, CE etc. |                       |                             |                               |                               |
| Warranty                       |                       |                             |                      | 25 years   |                       |                             |                               |                               |

## Huayu Microinverter

### Optional Accessories

- ① AC Female Connector
- ⑤ DC Extension Cable
- ② AC Female End Cap
- ⑥ AC End Cable-F
- ③ AC Male Connector
- ⑦ AC Extension Cable
- ④ AC Male End Cap
- ⑧ Unlock Tool



## Huayu Global Partner

### Technical Training

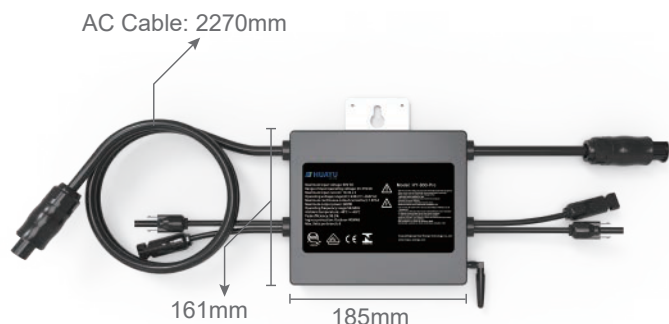


### Huayu Global Service Partner Plan

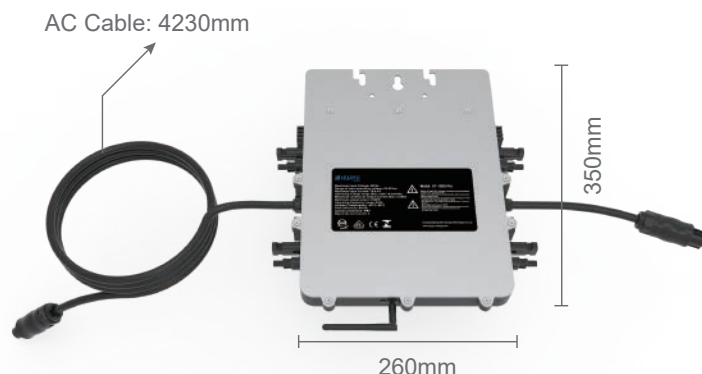
- Local Service Team
- Local Service Center
- Local Technical Training

# Huayu Microinverter for Cost-saving

AC Cable Integrated • Data Logger(DTU)Built-in • 25-year Warranty Included



- **HY-800-Pro (2 in 1) New**
- HY-600-Pro (2 in 1) **Hot**
- HY-600-Pro-127V(2 in 1)
- HY-500-Pro (2 in 1) **Hot**



- **HY-1600-Pro (4 in 1) New**
- HY-1300-Pro (4 in 1) **Hot**
- HY-1200-Pro (4 in 1) **Hot**
- HY-1000-Pro (4 in 1)

## Why Pay More?

### Data Logger(DTU) Cost Saving

Data Logger(DTU) built-in microinverter

### AC Cable Cost Saving

4.23m AC cable integrated for 4 in 1 microinverter  
2.27m AC cable integrated for 2 in 1 microinverter

### Installation Time Saving

Plug & play installation with daisy chain AC cable design

### Warranty Extension Free

25-year standard warranty ensuring lower LCOE & stable performance of solar system in life time

### On-site Troubleshooting Free

Module-level monitoring solution enabling operating & faulty data of each solar module in hand



#### Huayu Headquarters

Huayu(Zhejiang)New Energy Technologies Co., Ltd.

Add: No.456 Xingning Road, Ningbo 315100, P.R.China

Tel: +86-574-89258801

E-mail: info@huayu-energy.com

Website: www.huayu-energy.com

#### Huayu Overseas Branch

Huayu USA

Add: 20 Fairbanks,Irvine,CA92618,USA

Huayu Brazil

Add: Rua Miguel Mota 239-Vila Canero, Sao Paulo, SP 03191-110, Brazil

Huayu EMEA

Add: Generala Augusta Fieldorfa-Nila 17, 31-209 Krakow, Poland

Huayu Mexico

Add: Calle C 500, Almacentro Industrial, 66640 Cd Apodaca, Monterrey, Mexico