

## All-In-One ESS (Integrated Battery & Inverter) Dual Mode: Wall Mount and Floor Mount



All-In-One  
(Battery & Inverter)



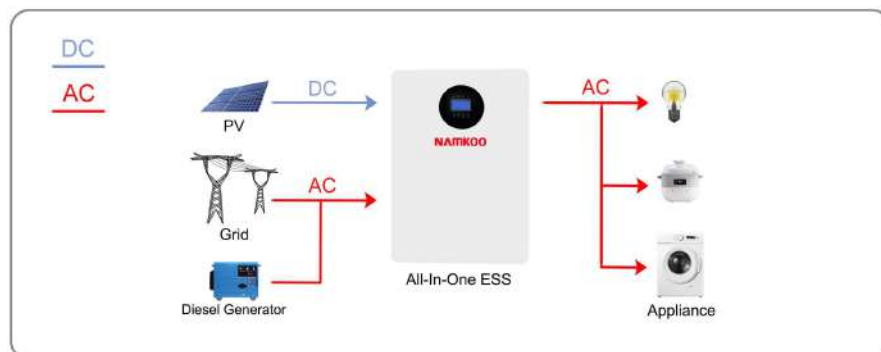
High integration and  
easy installation



Support AC charge  
and PV charge



Support UPS function



www.namkoopower.com

**NAMKOO**

|                        | 1.28KWh+1KW                              | 2.56KWh+3KW      | 5.12KWh+5KW      | 10.24KWh+10KW      |
|------------------------|------------------------------------------|------------------|------------------|--------------------|
| Model                  | IYP-1K3A-1KF1-A1                         | IYP-2K5A-3KF1-A1 | IYP-5K1A-5KF1-A1 | IYP-10K2A-10KF1-A1 |
| Battery                |                                          |                  |                  |                    |
| Battery Type           | LiFePO4 Battery                          |                  |                  |                    |
| Battery Energy         | 1.28KWh                                  | 2.56KWh          | 5.12KWh          | 10.24KWh           |
| Nominal Voltage        | 12.8V                                    | 25.6V            | 51.2V            | 51.2V              |
| Rated Capacity         | 100Ah                                    | 100Ah            | 100Ah            | 200Ah              |
| Voltage Range          | 11.0~14.0V                               | 22.0~28.0V       | 42.0~57.0V       | 42.0~57.0V         |
| PV                     |                                          |                  |                  |                    |
| Max. Power             | 600W                                     | 3000W            | 5500W            | 10.4KW(5200W*2)    |
| Max. PV Voltage        | 150Vdc                                   | 450Vdc           | 500Vdc           | 500Vdc             |
| MPPT Voltage Range     | 20~150Vdc                                | 30~400Vdc        | 120~430Vdc       | 90~450Vdc          |
| Max. PV Charge Current | 40A                                      | 80A              | 80A              | 80A*2              |
| AC Output              |                                          |                  |                  |                    |
| Rated Power            | 1000W                                    | 3000W            | 5000W            | 10000W             |
| AC Voltage             | 230Vac±5%                                |                  |                  |                    |
| AC Frequency           | 50Hz/60Hz                                |                  |                  |                    |
| Efficiency             | ≤93%                                     | ≤94%             | ≤94%             | ≤94%               |
| Transfer time          | 10ms (for PC) 20ms (for Appliance)       |                  |                  |                    |
| Waveform               | Pure sine wave                           |                  |                  |                    |
| AC Input               |                                          |                  |                  |                    |
| Rated AC Voltage       | 230Vac                                   |                  |                  |                    |
| AC Voltage Range       | 170~280Vac(for PC) 90~280Vac(for Applis) |                  |                  |                    |
| Frequency Range        | 50Hz/60Hz(Auto sensing)                  |                  |                  |                    |
| General Parameters     |                                          |                  |                  |                    |
| Altitude               | ≤2000m                                   |                  |                  |                    |
| Humidity               | 5%~95%                                   |                  |                  |                    |
| Work Temperature       | -10℃~50℃                                 |                  |                  |                    |
| Size (mm)              | 450*140*280                              | 450*140*570      | 500*150*730      | 620*150*1300       |
| Weight (kg)            | 25                                       | 32               | 58               | 105                |

\*THE PARAMETERS ARE FOR REFERENCE ONLY, THE ACTUAL PRODUCT SHALL PREVAIL  
SUPPORT CUSTOMIZATION, AND ON-DEMAND CUSTOMIZATION

www.namkoopower.com