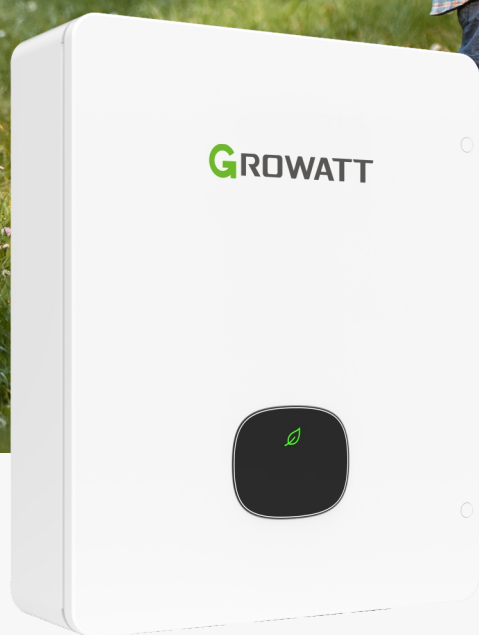


# SYN 100-XH-30

- Integrated breaker, easy to install
- 100% three-phase imbalance output
- Support for power backup, up to 40kW



**GROWATT**

[www.ginverter.com](http://www.ginverter.com)

P O W E R  
- I N G O  
T O M O -  
R R O W O

| Datasheet                                         | SYN 100-XH-30        |
|---------------------------------------------------|----------------------|
| Input from grid                                   |                      |
| Max. AC input overcurrent protection              | 125A                 |
| Max. continuous input current                     | 90A                  |
| AC output voltage(nominal)                        | 230V/400V (340~440V) |
| AC frequency(nominal)                             | 50Hz/60Hz            |
| AC frequency range                                | 45~65Hz              |
| Grid disconnection switchover time                | <500ms               |
| Input from inverter                               |                      |
| Rated AC power                                    | 40kW                 |
| Max. continuous input current@230v                | 58A                  |
| Rated AC power in continuous backup operation     | 40kW                 |
| Max. continuous input current in backup operation | 58A                  |
| Peak AC power(<10s) in backup operation           | 44kW                 |
| Peak AC current(<10s) in backup operation         | 63A                  |
| Additional features                               |                      |
| Communication                                     | RS485                |
| Manual control bypass switch                      | Yes                  |
| Cooling                                           | Natural convection   |
| Noise                                             | <30dB                |
| Operating temperature range                       | -40 °C~60 °C         |
| Protection rating                                 | IP65                 |
| Operating humidity(rh)                            | Up to 100%           |
| Maximum elevation                                 | 3000m                |
| Mounting options                                  | Wall mounted         |
| Weight                                            | 12kg                 |
| Dimensions(W/H/D)                                 | 365/486/120mm        |