

## Technical Data ISLAND series 1-Ph

| MODEL                                | GCI-700/1   | GCI-700 | GCI-701 | GCI-702         | GCI-703 | GCI-703/1 | GCI-704          | GCI-706 | GCI-708 | GCI-710          | GCI-712 | GCI-714 | GCI-716          | GCI-718 | GCI-720 |                  |  |  |                  |  |  |
|--------------------------------------|---|---------|---------|-----------------|---------|-----------|------------------|---------|---------|------------------|---------|---------|------------------|---------|---------|------------------|--|--|------------------|--|--|
| Power - kVA                          | 1   | 1.5     | 2       | 2.5             | 3       | 4         | 5                | 7.5     | 10      | 15               | 20      | 25      | 30               | 40      | 50      |                  |  |  |                  |  |  |
| <b>Input</b>                         |   |         |         |                 |         |           |                  |         |         |                  |         |         |                  |         |         |                  |  |  |                  |  |  |
| Voltage                              | 24 / 36 / 48 / 72 / 110 / 150 / 220 / 400 Vdc ± 20%   |         |         |                 |         |           |                  |         |         |                  |         |         |                  |         |         |                  |  |  |                  |  |  |
| <b>Output</b>                        |   |         |         |                 |         |           |                  |         |         |                  |         |         |                  |         |         |                  |  |  |                  |  |  |
| Wave-form                            | SINE WAVE   |         |         |                 |         |           |                  |         |         |                  |         |         |                  |         |         |                  |  |  |                  |  |  |
| Harmonic distortion                  | < 2%  |         |         |                 |         |           |                  |         |         |                  |         |         |                  |         |         |                  |  |  |                  |  |  |
| Phases                               | 1-Ph  |         |         |                 |         |           |                  |         |         |                  |         |         |                  |         |         |                  |  |  |                  |  |  |
| Voltage                              | 220 / 230 / 240 Vac ± 1%<br>(100 / 110 / 115 / 120 / 127 V on request)                            |         |         |                 |         |           |                  |         |         |                  |         |         |                  |         |         |                  |  |  |                  |  |  |
| Frequency                            | 50 / 60 Hz ± 0.05%  |         |         |                 |         |           |                  |         |         |                  |         |         |                  |         |         |                  |  |  |                  |  |  |
| Efficiency                           | > 92%   |         |         |                 |         |           |                  |         |         |                  |         |         |                  |         |         |                  |  |  |                  |  |  |
| <b>Protections</b>                   | Overload, overtemperature, min/max battery voltage, min/max inverter voltage                      |         |         |                 |         |           |                  |         |         |                  |         |         |                  |         |         |                  |  |  |                  |  |  |
| Short-circuit                        | With electronic protection  |         |         |                 |         |           |                  |         |         |                  |         |         |                  |         |         |                  |  |  |                  |  |  |
| Overload                             | 125% for 10 min., 150% for 1 min., 200% for 0.1 sec.  |         |         |                 |         |           |                  |         |         |                  |         |         |                  |         |         |                  |  |  |                  |  |  |
| <b>Signals</b>                       |   |         |         |                 |         |           |                  |         |         |                  |         |         |                  |         |         |                  |  |  |                  |  |  |
| Led                                  | On, Stand-by, Fault   |         |         |                 |         |           |                  |         |         |                  |         |         |                  |         |         |                  |  |  |                  |  |  |
| Display                              | Optional  |         |         |                 |         |           |                  |         |         |                  |         |         |                  |         |         |                  |  |  |                  |  |  |
| External communication               | RS232 - RS485 - SNMP - CAN (optional)   |         |         |                 |         |           |                  |         |         |                  |         |         |                  |         |         |                  |  |  |                  |  |  |
| <b>Environmental</b>                 |   |         |         |                 |         |           |                  |         |         |                  |         |         |                  |         |         |                  |  |  |                  |  |  |
| Operating temperature                | 0°C ÷ 50°C  |         |         |                 |         |           |                  |         |         |                  |         |         |                  |         |         |                  |  |  |                  |  |  |
| Non-condensing humidity              | 0% ÷ 95%  |         |         |                 |         |           |                  |         |         |                  |         |         |                  |         |         |                  |  |  |                  |  |  |
| Noise (at 1 m)                       | < 50 dBA  |         |         |                 |         |           |                  |         |         |                  |         |         |                  |         |         |                  |  |  |                  |  |  |
| Cooling                              | Forced  |         |         |                 |         |           |                  |         |         |                  |         |         |                  |         |         |                  |  |  |                  |  |  |
| Protection rating                    | IP20  |         |         |                 |         |           |                  |         |         |                  |         |         |                  |         |         |                  |  |  |                  |  |  |
| <b>Dimensions</b>                    |   |         |         |                 |         |           |                  |         |         |                  |         |         |                  |         |         |                  |  |  |                  |  |  |
| W x D x H - mm                       | 500 x 250 x 740   |         |         | 600 x 300 x 850 |         |           | 600 x 400 x 1050 |         |         | 800 x 400 x 1050 |         |         | 800 x 400 x 1250 |         |         | 800 x 600 x 1300 |  |  | 800 x 800 x 1300 |  |  |
| <b>Weight - kg</b>                   | 20  | 25      | 30      | 35              | 40      | 50        | 60               | 80      | 100     | 110              | 120     | 150     | 180              | 200     | 220     |                  |  |  |                  |  |  |
| <b>CE Marking</b>                    | 2014/30/EU; 2014/35/EU  |         |         |                 |         |           |                  |         |         |                  |         |         |                  |         |         |                  |  |  |                  |  |  |
| <b>Compliance with the standards</b> | EN 60950-1; EN 61000-6-3; EN 61000-6-1; EN 61000-3-2; EN 61000-3-3; EN 55022; EN 55014-1; IEC 146 |         |         |                 |         |           |                  |         |         |                  |         |         |                  |         |         |                  |  |  |                  |  |  |