



"New Factory Warranted", Rebuilt & Used Diesel Engines, Generators, Power Units, Torque Converters, etc.



### PRODUCT REFERENCE SPECIFICATION

| Genset Model | Engine Type | 50Hz |      | 60Hz |      | Open Weight Nett<br>kg | Canopied Weight Nett<br>kg | Open Dimensions (mm) |     |      | Canopied Dimensions (mm) |     |      |
|--------------|-------------|------|------|------|------|------------------------|----------------------------|----------------------|-----|------|--------------------------|-----|------|
|              |             | kVA  | kW   | kVA  | kW   |                        |                            | L                    | W   | H    | L                        | W   | H    |
| BCY11PSP     | 3TNE84G1A   | 10.8 | 10.8 | 13.0 | 13.0 | 395                    | 485                        | 1300                 | 949 | 1036 | 1810                     | 949 | 1183 |
| BCY17PSP     | 4TNE84G1A   | 16.0 | 16.0 | 20.0 | 20.0 | 640                    | 730                        | 1300                 | 949 | 1036 | 1810                     | 949 | 1183 |

| Single Phase                     |  | TECHNICAL DATA   |             |                                |                           |
|----------------------------------|--|------------------|-------------|--------------------------------|---------------------------|
| BCY11PSP                         |  |                  |             |                                |                           |
| Engine model:                    |  | 3TNE 84 G1A      |             | 1500 RPM                       | 1800 RPM                  |
| Number of cylinders              |  | 3                |             | Fuel Consumption: l/hr         | 3.3 4.1                   |
| Cubic capacity : litres (cu.in)  |  | 1.496 (91.29)    |             | Heat Rejection to:             | 9.3 (529) 11.9 (677)      |
| Bore/stroke: mm (in)             |  | 84x90 (3.3x3.54) |             | Exhaust System kW (Btu/min)    | 7.4 (421) 9.6 (546)       |
| Compression ratio:               |  | 18:1             |             | Cooling System kW (Btu/min)    | 6.2 (353) 7.2 (409)       |
| Aspiration:                      |  | Natural          |             | Radiated Heat: kW (Btu/min)    | <460 (860) <485 (905)     |
| Frequency:                       |  | 50Hz             | 60Hz        | Exhaust Temperature: °C (F)    | <420(788) <450 (842)      |
| Engine Speed                     |  | 1500 rpm         | 1800 rpm    | Cooling Air Flow: m³/min (cfm) | 25.3 (893) 32.5 (1148)    |
| Power at flywheel: kW (hp)       |  | 13.5 (18.1)      | 16.4 (22.0) | Combustion Air: m³/min (cfm)   | 1.29 (45.6) 1.56 (55.1)   |
| BMEP: kPa (psi) Prime            |  | 722 (105)        | 731 (106)   | Exhaust Gas Flow: m³/min (cfm) | 3.16 (111.6) 4.02 (142.0) |
| Piston Speed: m/sec (ft/sec)     |  | 4.5 (14.8)       | 5.4 (17.7)  |                                |                           |
| Fuel Tank Capacity: ltr (UK gal) |  | 55 (12.1)        |             |                                |                           |

| Single Phase                     |  |                  |             |                                |                           |
|----------------------------------|--|------------------|-------------|--------------------------------|---------------------------|
| BCY17PSP                         |  |                  |             |                                |                           |
| Engine model:                    |  | 4TNE 84 G1A      |             | 1500 RPM                       | 1800 RPM                  |
| Number of cylinders              |  | 4                |             | Fuel Consumption: l/hr         | 4.8 5.7                   |
| Cubic capacity : litres (cu.in)  |  | 1.995 (121.7)    |             | Heat Rejection to:             | 11.6 (660) 15.3 (870)     |
| Bore/stroke: mm (in)             |  | 84x90 (3.3x3.54) |             | Exhaust System kW (Btu/min)    | 13.3 (756) 14.0 (796)     |
| Compression ratio:               |  | 18:1             |             | Cooling System kW (Btu/min)    | 7.9 (449) 9.5 (540)       |
| Aspiration:                      |  | Natural          |             | Radiated Heat: kW (Btu/min)    | <420(788) <450 (842)      |
| Frequency:                       |  | 50Hz             | 60Hz        | Exhaust Temperature: °C (F)    | <420(788) <450 (842)      |
| Engine Speed                     |  | 1500 rpm         | 1800 rpm    | Cooling Air Flow: m³/min (cfm) | 25.3 (893) 32.5 (1148)    |
| Power at flywheel: kW (hp)       |  | 19.1 (25.6)      | 22.9 (30.7) | Combustion Air: m³/min (cfm)   | 1.29 (45.6) 1.56 (55.1)   |
| BMEP: kPa (psi) Prime            |  | 766 (111)        | 765 (111)   | Exhaust Gas Flow: m³/min (cfm) | 3.16 (111.6) 4.02 (142.0) |
| Piston Speed: m/sec (ft/sec)     |  | 4.5 (14.8)       | 5.4 (17.7)  |                                |                           |
| Fuel Tank Capacity: ltr (UK gal) |  | 55 (12.1)        |             |                                |                           |

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