HYUNDAI
POWER PRODUCTS

# DHY10Y-i
## 10 kVA DIESEL GENERATOR




| TECHNICAL OVERVIEW | |
|---|---|
| **MODEL** | DHY10Y-i |
| **PRIME POWER** | 10 kVA / 8 kW |
| **STANDBY POWER** | 11 kVA / 8.8 kW |
| **FUEL TYPE** | DIESEL |
| **SPEED** | 1500 RPM |
| **DUTY** | CONTINUOUS OPERATION |
| **FREQUENCY** | 50Hz |
| **PHASE/VOLTAGE** | THREE PHASE / 415V |
| **FUEL CAPACITY** | 400 LTR |

| ENGINE | |
|---|---|
| **ENGINE MODEL** | YANMAR 3TNV82A-GGE |
| **CYLINDER/ CAPACITY** | 3 CYL / 1.331 LTR |
| **INDUCTION** | NATURALLY ASPIRATED |
| **FUEL CONSUMPTION** | 2.89 L/HR @ 100% LOAD<br>2.16 L/HR @ 75% LOAD<br>1.45 L/HR @ 50% LOAD |
| **GOVERNOR** | MECHANICAL |
| **OIL CAPACITY** | 5.5 LTR |
| **COOLANT CAPACITY** | 4.8 LTR |

| FEATURES |
|---|
| SILENCED CANOPY – 67dB(A) @ 7M |
| HEAVY DUTY HOT DIPPED GALVANISED SKID BASE WITH FORK POCKETS |
| BUNDED FUEL TANK – 185 HOUR RUN TIME @ 75% LOAD |
| CANOPY – GALVANISED POWDER COAT |
| BATTERY CHARGER AND ISOLATOR |
| OVERSIZED ALTERNATOR |
| INTERNAL AUTO LOAD BANK |
| OUTLETS – 1 x 32 AMP 240V, 1 x 15 AMP 240V |

| CONTROLS | |
|---|---|
| **BRAND AND MODEL** | DEEPSEA 7320 |
| **CIRCUIT BREAKER** | FOUR POLE |

| ALTERNATOR | |
|---|---|
| **BRAND AND MODEL** | HYUNDAI HK164D (16 kVA) |
| **TYPE** | BRUSHLESS / AVR |
| **HARMONIC DISTORTION** | LESS THAN 5% |
| **INSULATION CLASS** | CLASS H |

| LOAD BANK | |
|---|---|
| AUTO LOAD BANK | 2.5 kW |

| DIMENSIONS | |
|---|---|
| **LENGTH / WIDTH / HEIGHT** | 203.8 CM / 85 CM / 155.8 CM |
| **WEIGHT (DRY)** | 855 KG |

**PRIME POWER (PRP):** Continuous operation at variable load unlimited hours per year, with an average load factor of 75%. 10% overload capability is 1 hour in a 12 hour period of operation.

**STANDBY POWER RATING (ESP):** Emergency power supply with an average load factor of 85%. No overload capability. Limited to 400 hours per year.

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DSE DEEP SEA ELECTRONICS

Materials and specifications are subject to change. Specification sheets are current as of 30/6/2025.