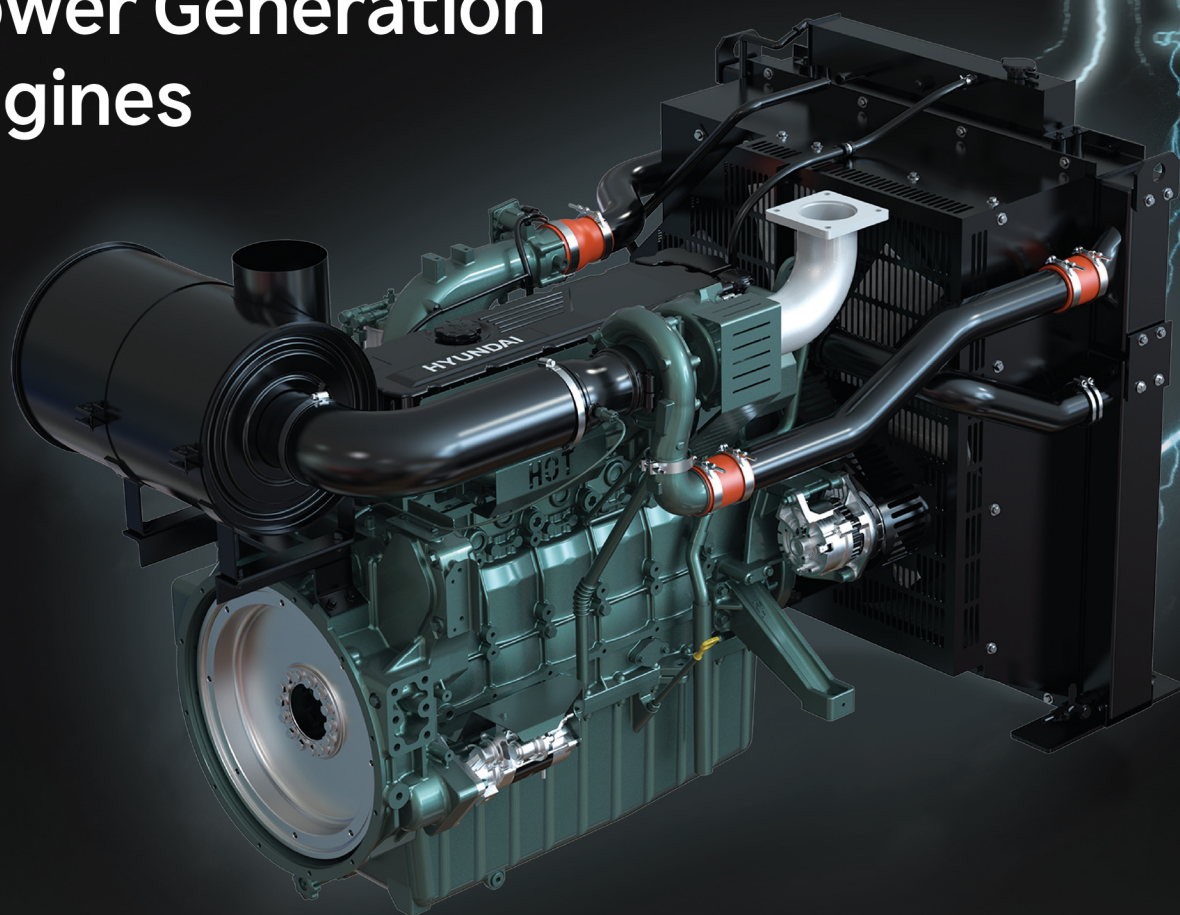


HYUNDAI

NEW DX SERIES

Power Generation Engines



HYUNDAI

HYUNDAI represents our engine products which aim to provide top-level performance, quality, and services. The strong reputation and heritage we already have will be integrated with HYUNDAI brand identity which will create a strong brand value, and we will set new goals and values building on the HD Hyundai's spirit: Human Dynamics and Human Dreams.

Milestones

- ▶ **1958** 1st Engine Manufacturer in Korea
- 1975** Construction of a casting & diesel engine plant
- 1985** Produced the "STORM" series (with proprietary technologies)
- ▶ **1999** 1st Produced CNG engines in Korea
- 2001** Introduced Tier 2 engines
- 2004** Introduced Euro 3 engines
- 2006** Introduced Tier 3 engines
- 2007** Introduced Euro 4 engines
- 2008** Achieved production of total 1 million engine units
- 2011** Developed Euro 5 engines (Diesel & Gas)
- ▶ **2012** Completed a state-of-the-art G2 engine plant
Developed Tier 4 Final engines
- 2016** Started mass production of military engines for main battle tanks
- 2018** Developed Stage V diesel & LPG engines
Secured the know-how and technology required to meet Tier 5 and Euro 7
- 2020** Started to manufacture G2 engines in China (HDIEC)
- 2022** Production of 500,000 G2 engines
Developing Hydrogen Internal Combustion Engine (H2ICE)
- 2023** Started to manufacture Battery Pack
- 2024** Launched New high-performance engine DX05/DX08, Awarded 2025 DOTY (Diesel Of The Year)

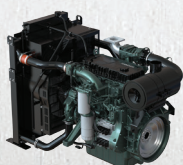
No. 1 Diesel & Gas Engine Manufacturer
for Generator Set, Industrial Equipment, Commercial Vehicle,
Marine & Military application in Korea

No. 1

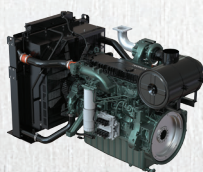
Since 1958, HD Hyundai Infracore has been delivering reliable solutions to meet the world's evolving needs. New electronic generator engine, DX series engines are presented to provide efficient and stable power with enhanced fuel & oil efficiency and a maintenance-friendly design. In response to growing global concerns on environmental sustainability, it is fully compliant with the latest environmental regulations as well. It is set to become the flagship of HD Hyundai Infracore, building a future powered by innovation.

NEW DX SERIES

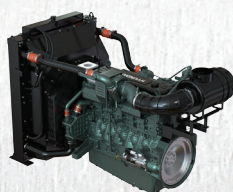
The Next-Generation Power Solution



DX05



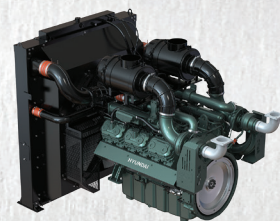
DX08



DX12

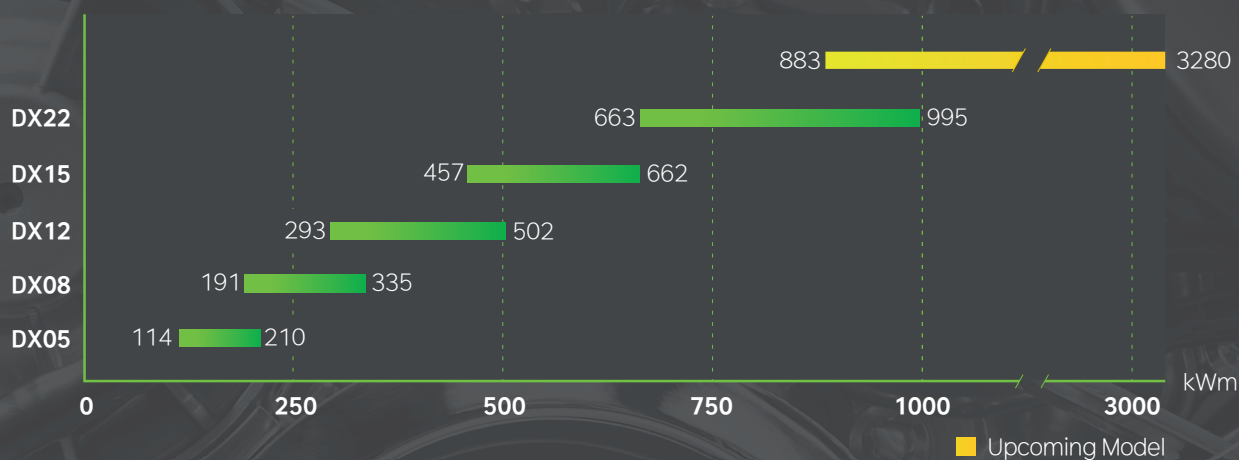


DX15

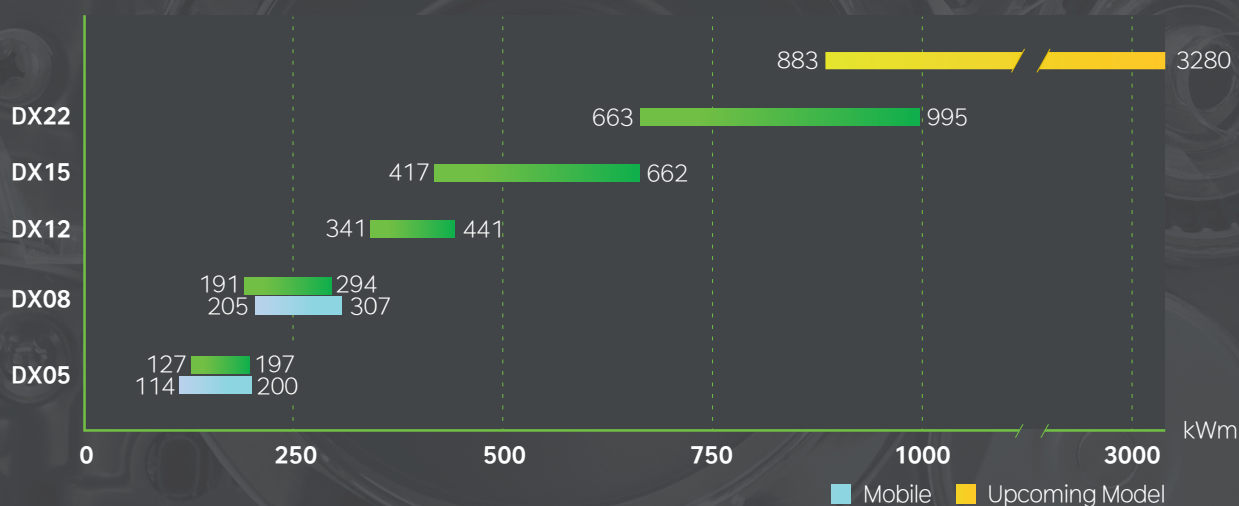


DX22

Unregulated Diesel Engine



Regulated Diesel Engine



HYUNDAI



DX

Powering Excellence, Exceeding Limits

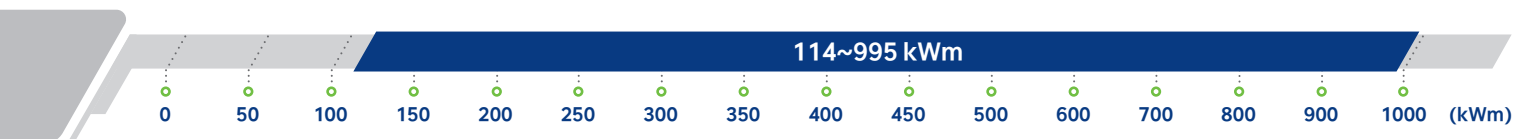
| Model | DX05 | DX08 | DX12 | DX15 | DX22 |
|------------------------|-------------------|-------------------|--------------------|--------------------|--------------------|
| Engine Type | L4 | L6 | L6 | V8 | V12 |
| Displacement (L) | 5.0 | 7.5 | 11.1 | 15.1 | 21.9 |
| Bore x Stroke (mm) | 110 x 132 | 110 x 132 | 123 x 155 | 128 x 147 | 128 x 142 |
| Dry Weight* (kg) | 611 | 819 | 1058 | 1345 | 1676 |
| Fuel system | Common Rail | Common Rail | Common Rail | Common Rail | Common Rail |
| Aspiration | TI** | TI | TI | TI | TI |
| Dimension* (LxWxH, mm) | 1096 x 887 x 1146 | 1319 x 967 x 1187 | 1411 x 1133 x 1323 | 1713 x 1417 x 1684 | 1658 x 1593 x 1701 |

* : Weight and Dimensions refer to the engine only (and do not include the radiator or ATS)

** : Turbocharged and intercooled



Unregulated

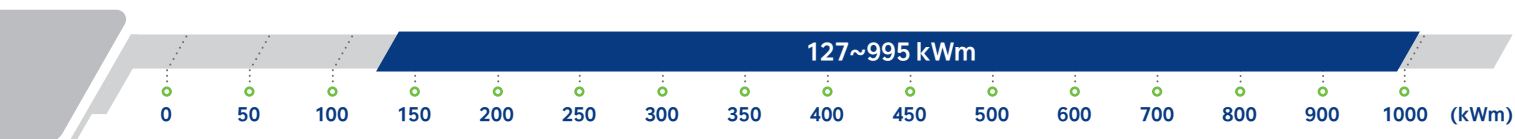


| Engine Family | Model | Gross Engine Output | | | | Typical Generator Set Output | | | | | | | |
|---------------|-----------|---------------------|-----|------|-----|------------------------------|------|-----|-----|------|------|-----|------|
| | | 50Hz | | 60Hz | | 50Hz | | | | 60Hz | | | |
| | | ESP | PRP | ESP | PRP | ESP | | PRP | | ESP | | PRP | |
| | | kWm | kWm | kWm | kWm | kWe | kVA | kWe | kVA | kWe | kVA | kWe | kVA |
| DX05 | DP054CA | 125 | 114 | 150 | 136 | 111 | 139 | 101 | 126 | 131 | 164 | 118 | 148 |
| | DP054CB | 156 | 142 | 175 | 159 | 140 | 175 | 127 | 159 | 154 | 193 | 139 | 174 |
| | DP054CC | 188 | 177 | 210 | 197 | 170 | 213 | 160 | 200 | 187 | 234 | 175 | 219 |
| DX08 | DP086CA | 210 | 191 | 234 | 213 | 191 | 239 | 173 | 216 | 209 | 261 | 190 | 238 |
| | DP086CB | 225 | 205 | 260 | 236 | 205 | 256 | 186 | 233 | 234 | 293 | 211 | 264 |
| | DP086CC | 245 | 223 | 285 | 259 | 224 | 280 | 203 | 254 | 257 | 321 | 233 | 291 |
| | DP086CD | 270 | 245 | 310 | 282 | 247 | 309 | 224 | 280 | 280 | 350 | 254 | 318 |
| | DP086CE | 294 | 267 | 335 | 305 | 269 | 336 | 244 | 305 | 304 | 380 | 276 | 345 |
| DX12 | DP126LA* | 321 | 293 | 375 | 346 | 295 | 369 | 269 | 336 | 342 | 428 | 315 | 394 |
| | DP126LB* | 362 | 327 | 402 | 366 | 334 | 418 | 301 | 376 | 368 | 460 | 334 | 418 |
| | DP126LCE* | 390 | - | - | - | 352 | 440 | - | - | - | - | - | - |
| | DP126CA | 321 | 292 | 375 | 341 | 288 | 360 | 260 | 325 | 331 | 414 | 299 | 374 |
| | DP126CB | 362 | 329 | 402 | 365 | 326 | 408 | 295 | 369 | 356 | 445 | 321 | 401 |
| | DP126CD | 414 | 376 | 458 | 416 | 375 | 469 | 339 | 424 | 409 | 511 | 369 | 461 |
| | DP126CE | 441 | 401 | 502 | 449 | 400 | 500 | 363 | 454 | 450 | 563 | 400 | 500 |
| DX15 | DP158CB | 503 | 457 | 560 | 509 | 459 | 574 | 416 | 520 | 504 | 630 | 455 | 569 |
| | DP158CC | 542 | 493 | 618 | 562 | 496 | 620 | 450 | 563 | 558 | 698 | 506 | 633 |
| | DP158CD-1 | 580 | 527 | - | - | 532 | 665 | 482 | 603 | - | - | - | - |
| | DP158CD | 612 | 556 | 662 | 609 | 562 | 703 | 509 | 636 | 600 | 750 | 550 | 688 |
| DX22 | DP222CA | 727 | 663 | 836 | 762 | 667 | 834 | 607 | 759 | 755 | 944 | 685 | 856 |
| | DP222CB | 790 | 705 | 890 | 810 | 727 | 909 | 646 | 808 | 806 | 1008 | 730 | 913 |
| | DP222CC | 875 | 790 | 995 | 900 | 807 | 1009 | 727 | 909 | 905 | 1131 | 816 | 1020 |

*: Mechanical type engine control

The genset output shown is an estimation. Consult your local application engineer for engine selection support and actual OEM genset power output calculation. kVA figures are calculated using a 0.8 power factor.

Regulated (Stationary)

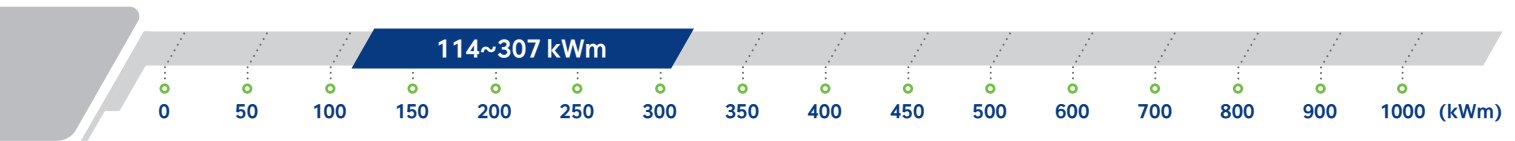


| Engine Family | Model | Emission Certification | Gross Engine Output | | | | Typical Generator Set Output | | | | | | | |
|---------------|----------|------------------------|---------------------|-----|------|-----|------------------------------|------|-----|-----|------|------|-----|------|
| | | | 50Hz | | 60Hz | | 50Hz | | | | 60Hz | | | |
| | | | ESP | PRP | ESP | PRP | ESP | | PRP | | ESP | | PRP | |
| | | | kWm | kWm | kWm | kWm | kWe | kVA | kWe | kVA | kWe | kVA | kWe | kVA |
| DX05 | DP054CAK | EPA Tier 3 | 140 | 127 | 150 | 136 | 125 | 156 | 113 | 141 | 131 | 164 | 118 | 148 |
| | DP054CBK | EPA Tier 3 | 179 | 163 | 197 | 179 | 162 | 203 | 147 | 184 | 175 | 219 | 158 | 198 |
| DX08 | DP086CAK | EPA Tier 3 | 210 | 191 | 234 | 213 | 191 | 239 | 173 | 216 | 209 | 261 | 190 | 238 |
| | DP086CBK | EPA Tier 3 | 225 | 205 | 260 | 236 | 205 | 256 | 186 | 233 | 234 | 293 | 211 | 264 |
| | DP086CCK | EPA Tier 3 | 263 | 239 | 294 | 267 | 240 | 300 | 218 | 273 | 266 | 333 | 240 | 300 |
| DX12 | DP126CAK | EPA Tier 3 | - | - | 375 | 341 | - | - | - | - | 331 | 414 | 299 | 374 |
| | DP126CBK | EPA Tier 3 | - | - | 402 | 365 | - | - | - | - | 356 | 445 | 321 | 401 |
| | DP126CCK | EPA Tier 3 | - | - | 441 | 401 | - | - | - | - | 393 | 491 | 355 | 444 |
| DX15 | DP158CAK | EPA Tier 3 | 459 | 417 | 522 | 475 | 418 | 523 | 378 | 473 | 468 | 585 | 423 | 529 |
| | DP158CBK | EPA Tier 3 | 503 | 457 | 560 | 509 | 459 | 574 | 416 | 520 | 504 | 630 | 455 | 569 |
| | DP158CCS | EPA Tier 2 | - | - | 618 | 562 | - | - | - | - | 558 | 698 | 506 | 633 |
| | DP158CDS | EPA Tier 2 | - | - | 662 | 609 | - | - | - | - | 600 | 750 | 550 | 688 |
| DX22 | DP222CAS | EPA Tier 2 | 727 | 663 | 836 | 762 | 667 | 834 | 607 | 759 | 755 | 944 | 685 | 856 |
| | DP222CBS | EPA Tier 2 | 790 | 705 | 890 | 810 | 727 | 909 | 646 | 808 | 806 | 1008 | 730 | 913 |
| | DP222CCS | EPA Tier 2 | 875 | 790 | 995 | 900 | 807 | 1009 | 727 | 909 | 905 | 1131 | 816 | 1020 |

U.S. EPA TIER 2/3 Nonroad emission for Stationary Emergency Use Only. Prime/Continuous power rating for reference only.

Power ratings in this catalog are based on ISO 8528 and ISO 3046 standards. Prime Power (PRP) is defined as the maximum power available for an unlimited number of hours per year under variable load conditions, with maintenance intervals and procedures as prescribed by the manufacturer. Emergency Standby Power (ESP) is defined as the maximum power available during a variable load sequence, under emergency conditions, for a duration limited to 200 hours per year, with no overload capability. All power ratings are subject to site conditions, including ambient temperature, altitude, humidity, and fuel quality. For precise power calculations and generator set selection, please consult the manufacturer's guidelines.

Regulated (Mobile)

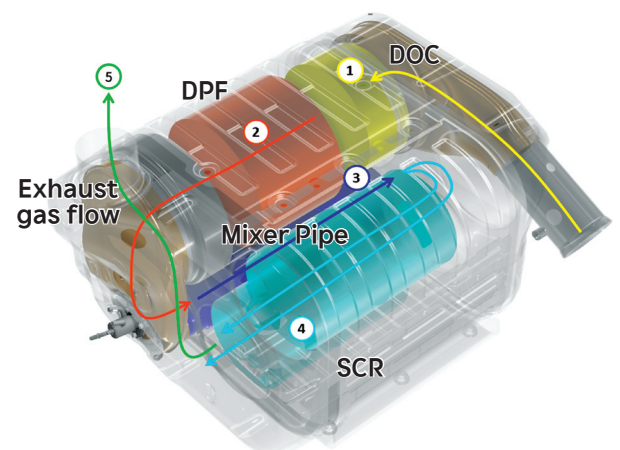


| Engine Family | Model | Emission Certification | Gross Engine Output | | | | Typical Generator Set Output | | | | | | | |
|---------------|----------|------------------------|---------------------|-----|------|-----|------------------------------|-----|-----|-----|------|-----|-----|-----|
| | | | 50Hz | | 60Hz | | 50Hz | | | | 60Hz | | | |
| | | | ESP | PRP | ESP | PRP | ESP | | PRP | | ESP | | PRP | |
| | | | kWm | kWm | kWm | kWm | kWe | kVA | kWe | kVA | kWe | kVA | kWe | kVA |
| DX05 | DP054CAP | EPA Tier 4F | 125 | 114 | 150 | 136 | 111 | 139 | 101 | 126 | 131 | 164 | 118 | 148 |
| | DP054CBP | EPA Tier 4F | 156 | 142 | 175 | 159 | 140 | 175 | 127 | 159 | 154 | 193 | 139 | 174 |
| | DP054CCP | EPA Tier 4F | 183 | 177 | 200 | 197 | 165 | 206 | 160 | 200 | 177 | 221 | 175 | 219 |
| | DP054CAV | EU Stage V | 125 | 114 | 150 | 136 | 111 | 139 | 101 | 126 | 131 | 164 | 118 | 148 |
| | DP054CBV | EU Stage V | 156 | 142 | 175 | 159 | 140 | 175 | 127 | 159 | 154 | 193 | 139 | 174 |
| | DP054CCV | EU Stage V | 183 | 177 | 200 | 197 | 165 | 206 | 160 | 200 | 177 | 221 | 175 | 219 |
| DX08 | DP086CBP | EPA Tier 4F | 225 | 205 | 260 | 236 | 205 | 256 | 186 | 233 | 234 | 293 | 211 | 264 |
| | DP086CCP | EPA Tier 4F | 245 | 223 | 285 | 259 | 224 | 280 | 203 | 254 | 257 | 321 | 233 | 291 |
| | DP086CDP | EPA Tier 4F | 270 | 245 | 307 | 279 | 247 | 309 | 224 | 280 | 278 | 348 | 251 | 314 |
| | DP086CBV | EU Stage V | 225 | 205 | 260 | 236 | 205 | 256 | 186 | 233 | 234 | 293 | 211 | 264 |
| | DP086CCV | EU Stage V | 245 | 223 | 285 | 259 | 224 | 280 | 203 | 254 | 257 | 321 | 233 | 291 |
| | DP086CDV | EU Stage V | 270 | 245 | 307 | 279 | 247 | 309 | 224 | 280 | 278 | 348 | 251 | 314 |
| | DP086CEV | EU Stage V | 290 | 264 | - | - | 266 | 333 | 241 | 301 | - | - | - | - |

For mobile applications, the ATS (After Treatment System) is included and consists of DOC, DPF, and SCR.

ATS Design Concept

- Capable of forced regeneration even when engine is operating
- Low-temperature regeneration feature additionally provided (minimizing need for DPF cleaning)
- Various DEF tank options available (15/30/45/57/72L)
- Meets EPA/CARB Tier4F and EU Stage V emission regulations



Weights and Dimensions

| Item | Length (mm) | Width (mm) | Height (mm) | Dry Weight (kg) |
|--------------------------|-------------|------------|-------------|-----------------|
| ATS (DOC+DPF+SCR) | 788 | 688 | 454 | 119 |
| DEF Tank (Standard: 57L) | 682 | 375 | 688 | 34 |


GLOBAL NETWORK

CUSTOMER SUPPORT (ENGINE DIVISION)

 **EUROPE PDC**



Location
Klampovenweg 50, 2850 Boom, Belgium

 **KOREA PDC**



Location
48, Yongdam-ro, Sangnok-gu, Ansan-si, Republic of Korea

 **HEADQUARTERS**



Location
489, Injung-ro, Dong-gu, Incheon-si, Republic of Korea


Function
R&D, Manufacturing, Global Sourcing

 **NA PDC**



Location
3650 Industrial Avenue, UnitC, Rolling Meadows, IL 60008 USA


*PDC : Parts Distribution Center

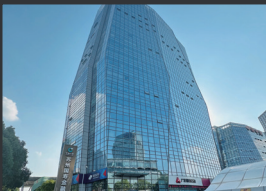
 **HDIEU**



HD Hyundai Infracore Europe Office

Location
IBC-International Business Centre, Pobřežní 620/3, 186 00 Prague, Czech Republic


 **HDIES**




HD Hyundai Infracore China Office (Suzhou)

Location
A Block Building 24, Wangdun Road 268, Suzhou Industrial Park, Jiangsu, China

Function
Sales, Global Sourcing, Customer support


 **HDIEC**




HD Hyundai Infracore China Production (Tianjin)

Location
77#, GaoXin Road, Beichen District, TianJin City, China

Function
R&D, Manufacturing, Customer Support

 **HDINA**



HD Hyundai Infracore North America Office

Location
3650 Industrial Avenue, UnitC, Rolling Meadows, IL 60008 USA

Function
Sales, Customer Support, Parts Distribution



HD Hyundai Infracore Co., Ltd.

14F, HD Hyundai Group's Global R&D Center, 477, Bundangsuseo-ro Bundang-gu, Seongnam-si, Gyeonggi-do, Korea(13553)

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