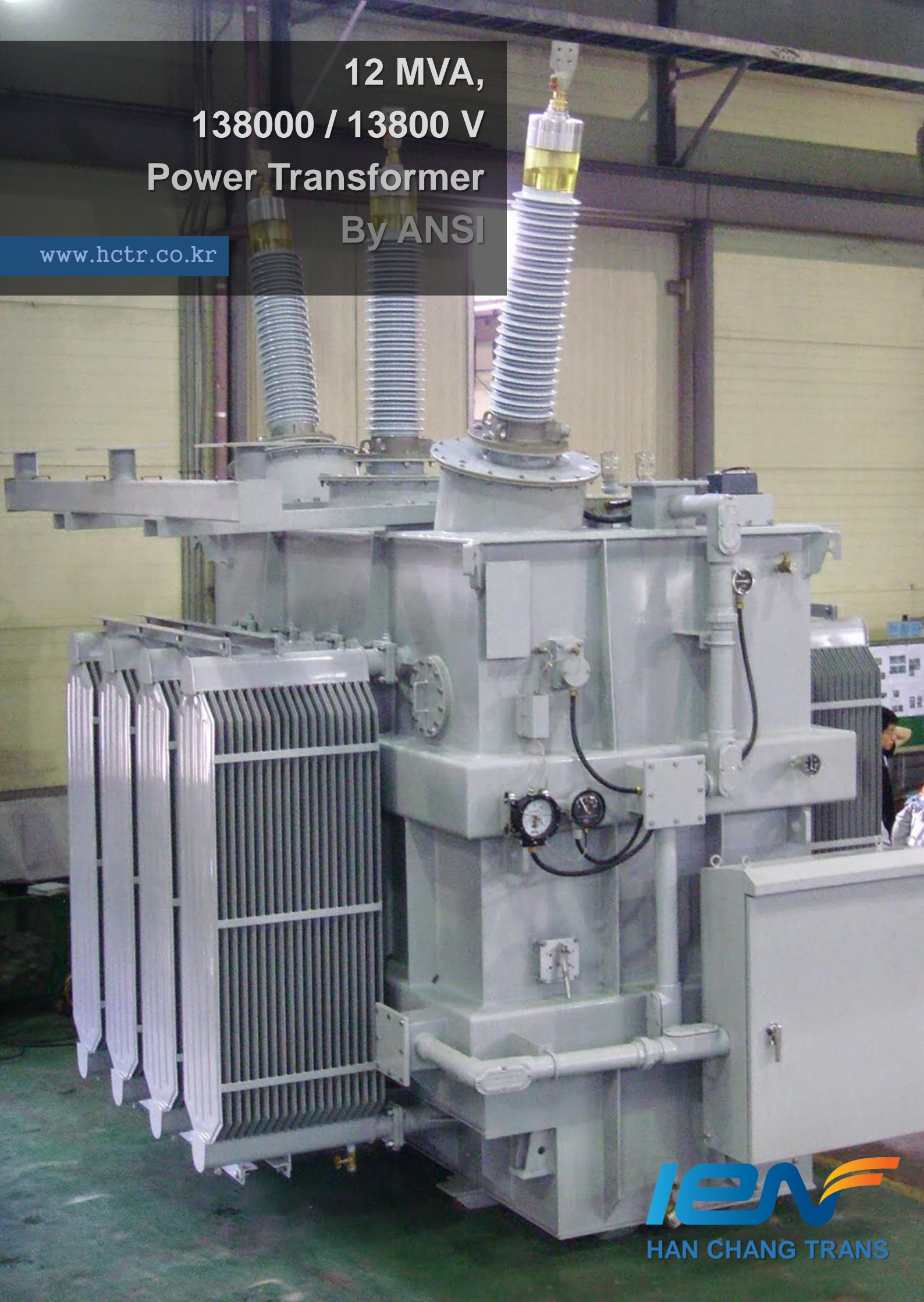


**12 MVA,
138000 / 13800 V
Power Transformer
By ANSI**

www.hctr.co.kr



HAN CHANG TRANS

HAN CHANG TRANSFORMER

**12 MVA, 138000 Delta / 13800 Star volts,
POWER TRANSFORMER**

Technical Specification

| | |
|------------------------|--------------------------|
| Applicable standard | ANSI C57.12.00 |
| Final paint color | MUNSELL # 5Y-7/1 |
| Insulating oil | Mineral Oil |
| Rated capacity | 12 MVA |
| Phase/Rated frequency | 3P / 60Hz |
| Rated voltage H.V | 138000V Delta |
| Rated voltage L.V | 13800V Star |
| Tap voltage | 5 TAPS |
| Tap changing method | De-energized Tap Changer |
| Connection or polarity | Dyn1 |
| Cooling method | ONAN |
| Efficiency | 99.5% |

Size

| | |
|--------|----------|
| Width | 158 inch |
| Length | 142 inch |
| Height | 194 inch |

Weight

| | |
|-------|------------|
| Oil | 1,784 gal |
| Total | 54,641 lbs |

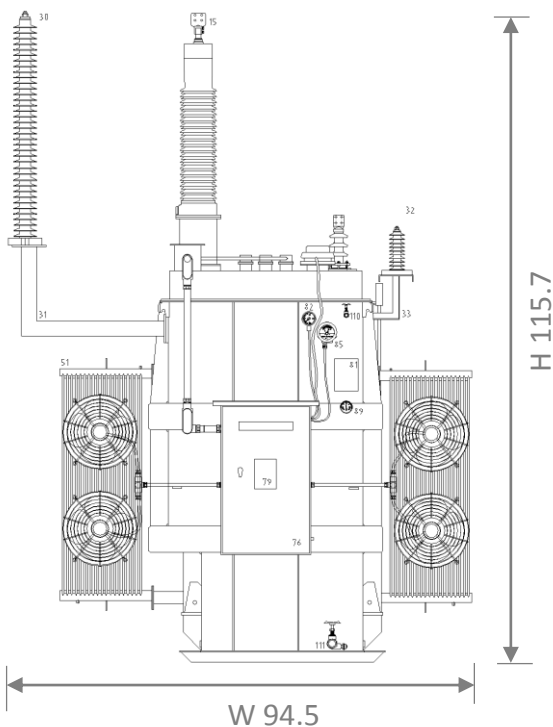
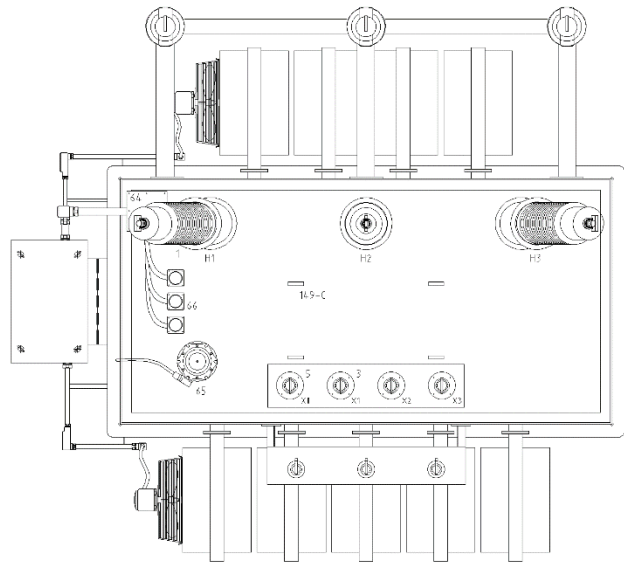
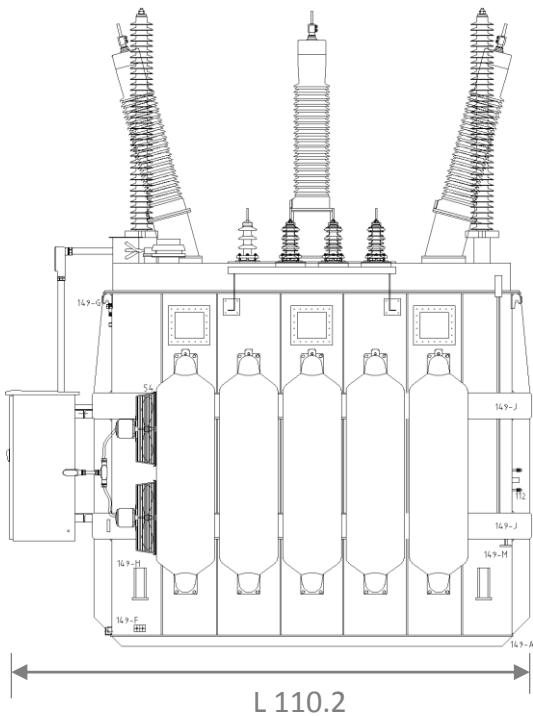
Core & Coil



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POWER TRANSFORMER**

OUT LINE



| NO | DESCRIPTION | NO | DESCRIPTION |
|----|--|-------|--|
| 1 | HV BUSHING, 138kV, 650 kV BIL | 81 | NAME PLATE |
| 3 | XV BUSHING, 15kV, 1000 AMPS, 110 Kv | 82 | MAGNETIC LIQUID LEVEL GAUGE |
| 5 | X0 BUSHING, 15kV, 1000 AMPS, 110kV BIL | 85 | LIQUID TEMPERATURE INDICATOR |
| 15 | HV BUSHING TERMINAL | 89 | PRESSURE VACCUM GAUGE |
| 30 | HV SURGE ARRESTER | 110 | VALVE 1' FOR UPPER FILTER |
| 31 | HV SURGE ARRESTER MOUNTING BRACKET | 111 | VALVE 2' FOR LOWER FILTER |
| 32 | LV SURGE ARRESTER | 112 | DE-ENERGIZED TAP CHANGER |
| 33 | LV SURGE ARRESTER MOUNTING BRACKET | 149 | TANK AND COVER ASSEMBLY |
| 51 | RADIATORS | 149-A | BASE WELDED TO TANK |
| 54 | FORCED-AIR COOLING FANS, 1PH, 240V | 149-C | LIFT LOOPS |
| 64 | JUNCTION BOX | 149-F | GROUND PAD |
| 65 | PRESSURE RELIEF DEVICE | 149-G | LIFTING HOOK |
| 66 | BCT TERMINAL BOX | 149-F | COMBINATION JACKING |
| 76 | CONTROL CABINET | 149-F | TANK BRACE |
| 79 | DIAGRAM INSTRUCTION PLATE | 149-F | 25' FITTING FOR ADDING NITROGEN OR DRY AIR |

The values contained in this document can be changed without prior notice. Exact values will be supplied upon order confirmation.

HAN CHANG TRANSFORMER

12 MVA, 138000 Delta / 13800 Star volts,
POWER TRANSFORMER

Ref. Photos



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Quality
ISO 9001
ISO 14001

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