

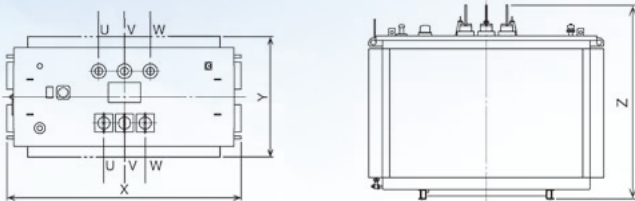
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HITACHI AMORPHOUS TRANSFORMERS

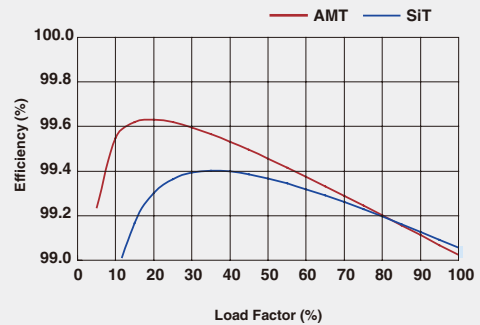
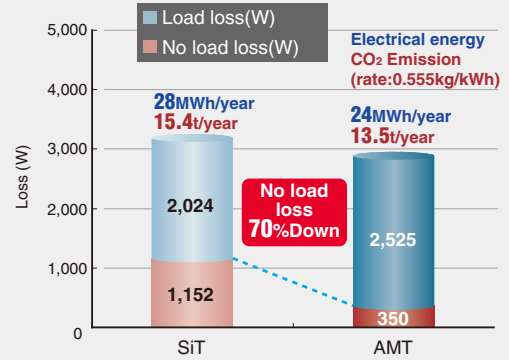


Oil-Immersed Type



| Item | | SiT | AMT |
|----------------|---|------------|------------|
| Dimension (mm) | X | 1,420(100) | 1,620(114) |
| | Y | 1,075(100) | 1,125(105) |
| | Z | 1,510(100) | 1,510(100) |
| Mass (kg) | | 2,445(100) | 3,120(128) |

3P 1000kVA 6kV/210V 60Hz



| Item | | SiT | AMT |
|---------------------------|--------------|------------|-------------|
| 100 % Loaded Loss (W) | No-Load Loss | 1,152(100) | 350(30) |
| | Load Loss | 8,095(100) | 9,750(120) |
| | Total Loss | 9,247(100) | 10,100(109) |
| 50% Loaded Total Loss (W) | | 3,176(100) | 2,788(88) |

Characteristic Table

Oil Immersed Type

| Phase | Core Type | Voltage (V) | Frequency (Hz) | Capacity (kVA) | No Load Loss (W) | Load Loss (W) | Efficiency (%) | 50% Loaded Total Loss (W) |
|-------|-----------------|-------------|----------------|----------------|------------------|---------------|----------------|---------------------------|
| 3P | Amorphous Steel | 6.6kV/210 | 50Hz | 100 | 85 | 1,640 | 98.30 | 347 |
| | | | | 500 | 200 | 6,300 | 98.71 | 1,208 |
| | | | | 1,000 | 315 | 10,600 | 98.92 | 2,965 |
| | | | 60Hz | 100 | 85 | 1,640 | 98.30 | 347 |
| | | | | 500 | 190 | 6,150 | 98.74 | 1,174 |
| | | | | 1,000 | 350 | 9,750 | 99.00 | 2,788 |
| 3P | Silicon Steel | 6.6kV/210 | 50Hz | 100 | 248 | 1,392 | 98.38 | 471 |
| | | | | 500 | 602 | 4,337 | 99.02 | 1,296 |
| | | | | 1,000 | 1,212 | 8,326 | 99.05 | 3,294 |
| | | | 60Hz | 100 | 237 | 1,302 | 98.48 | 445 |
| | | | | 500 | 580 | 4,400 | 99.01 | 1,284 |
| | | | | 1,000 | 1,152 | 8,095 | 99.08 | 3,176 |

SiT=Silicon Steel Core Transformer
 AMT=Amorphous Steel Core Transformer

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