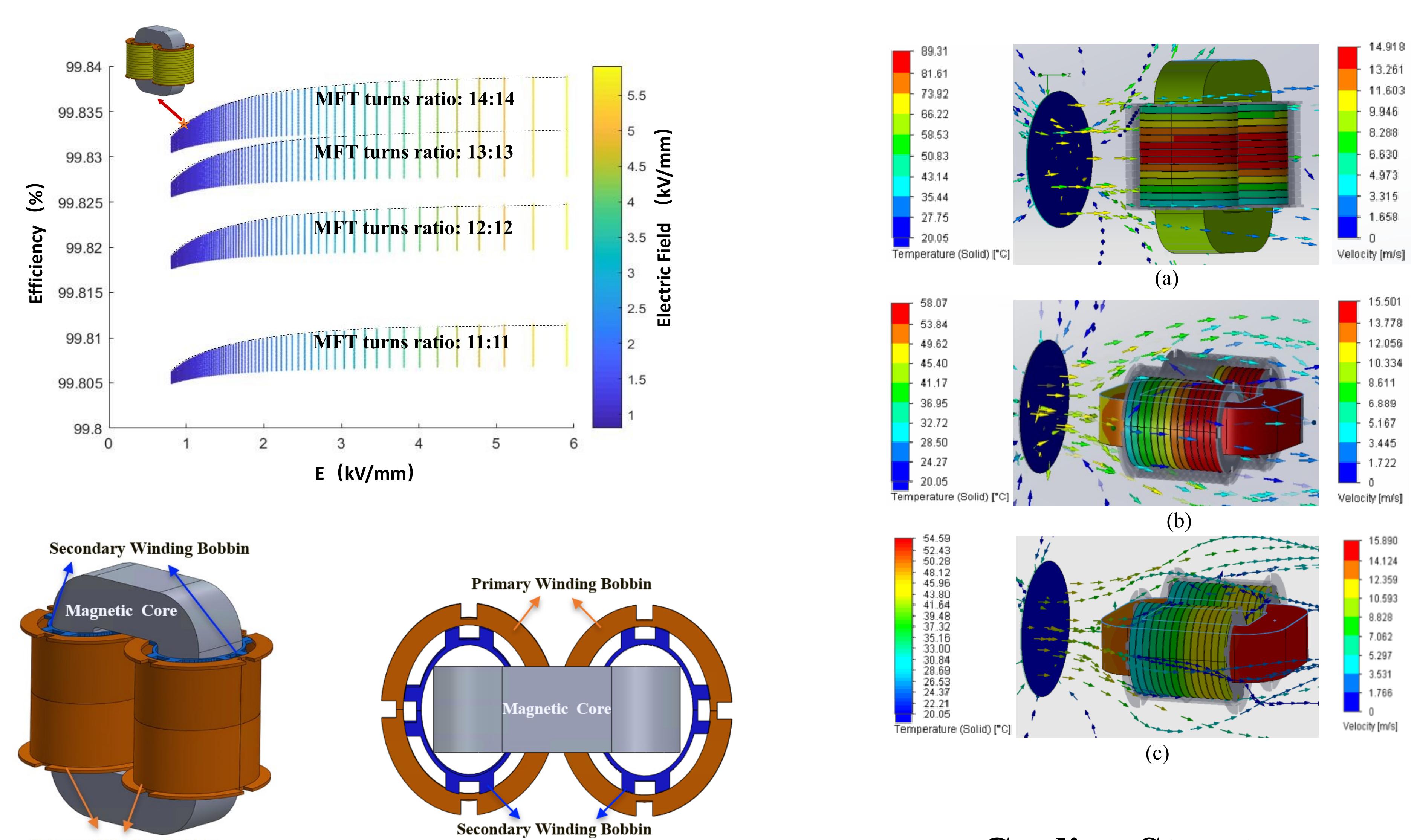
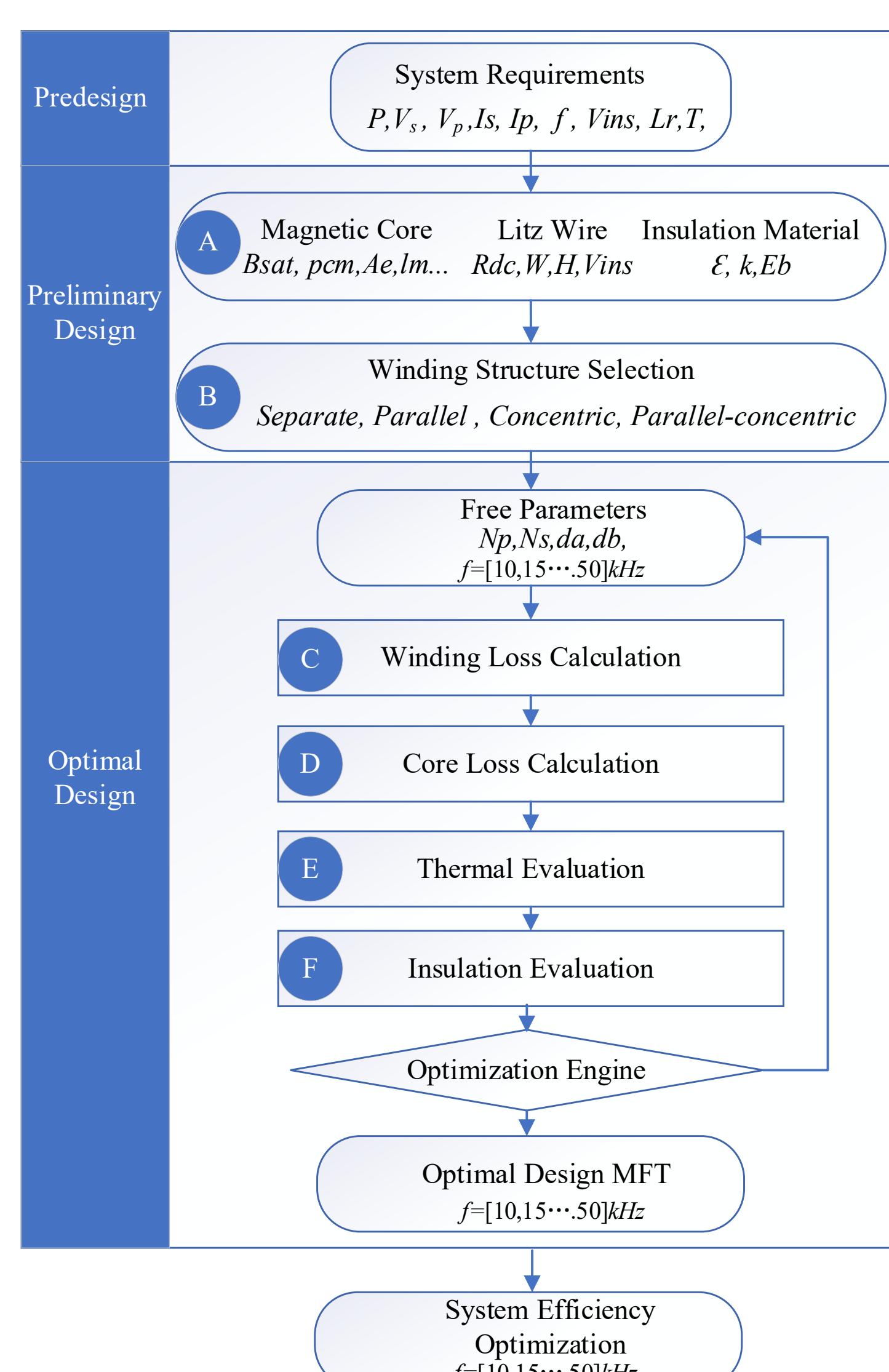
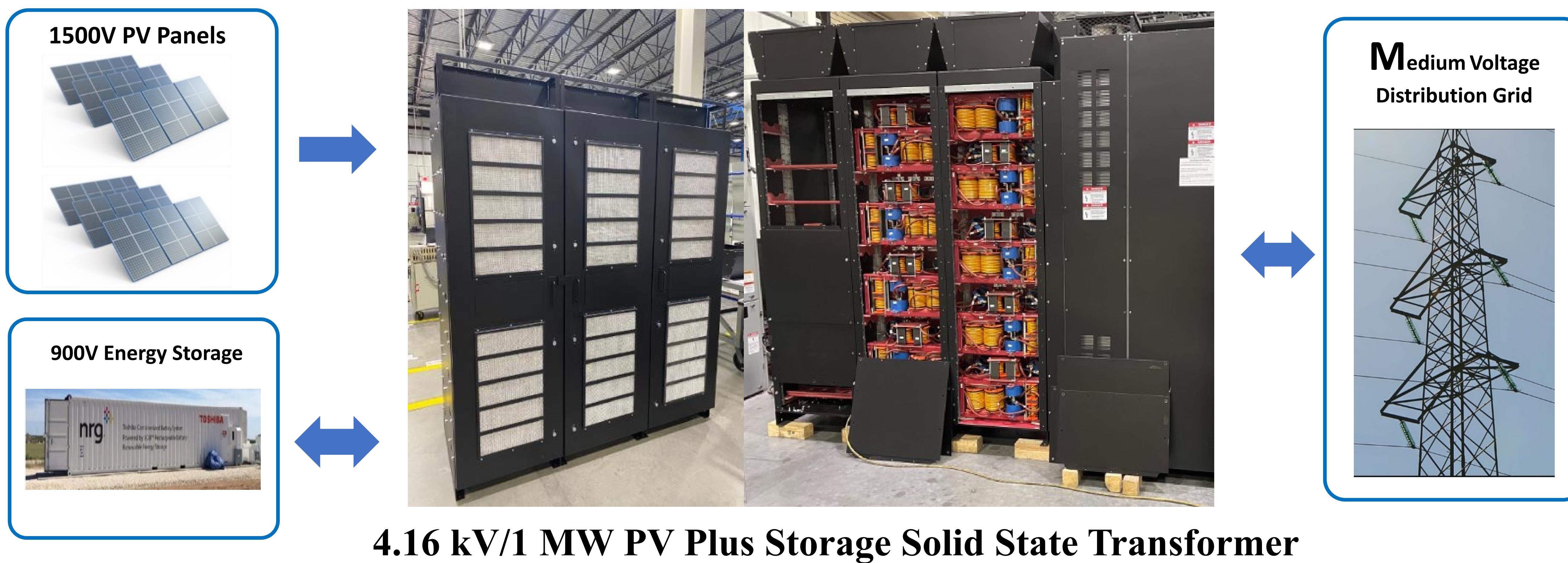


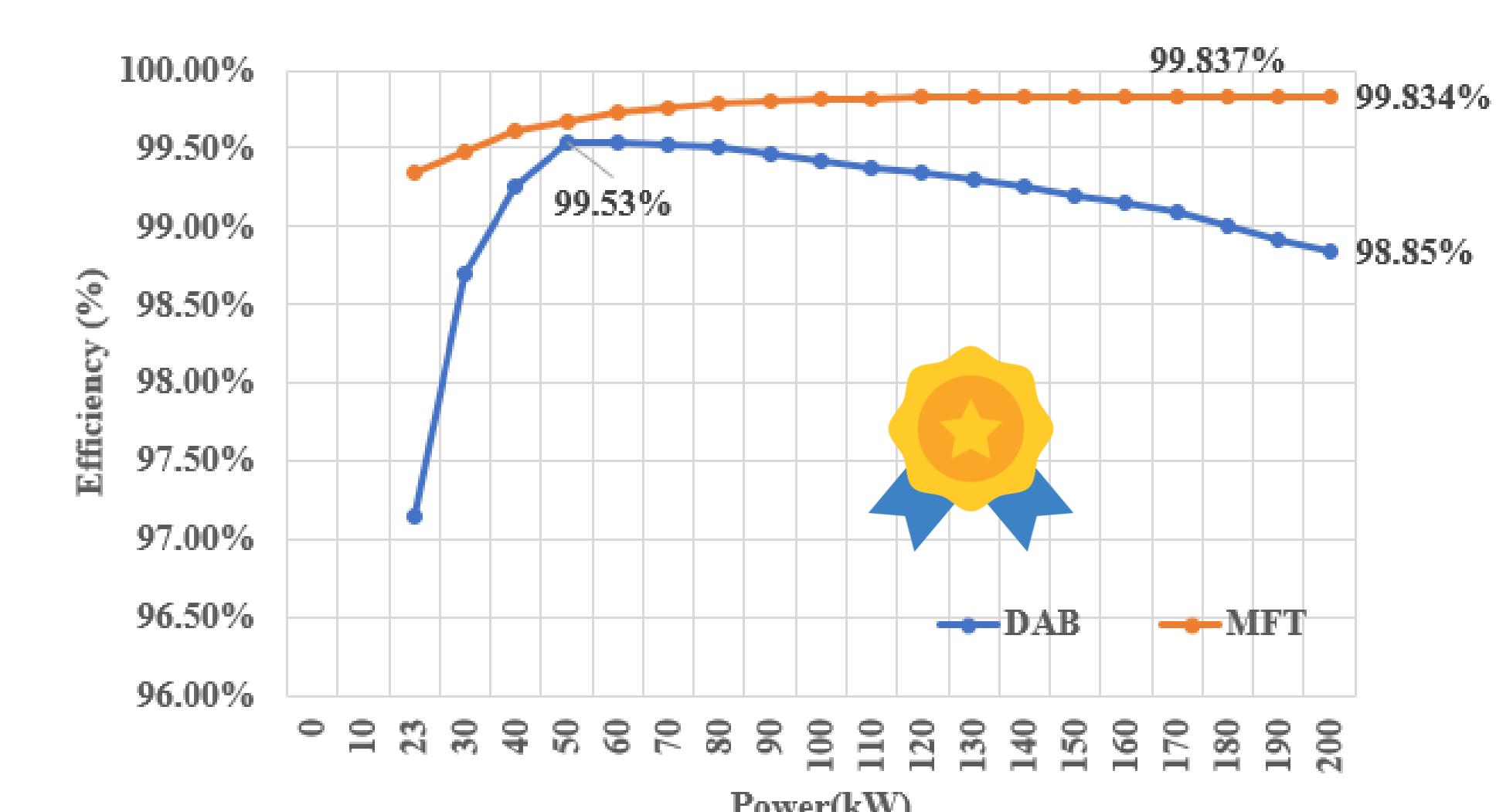
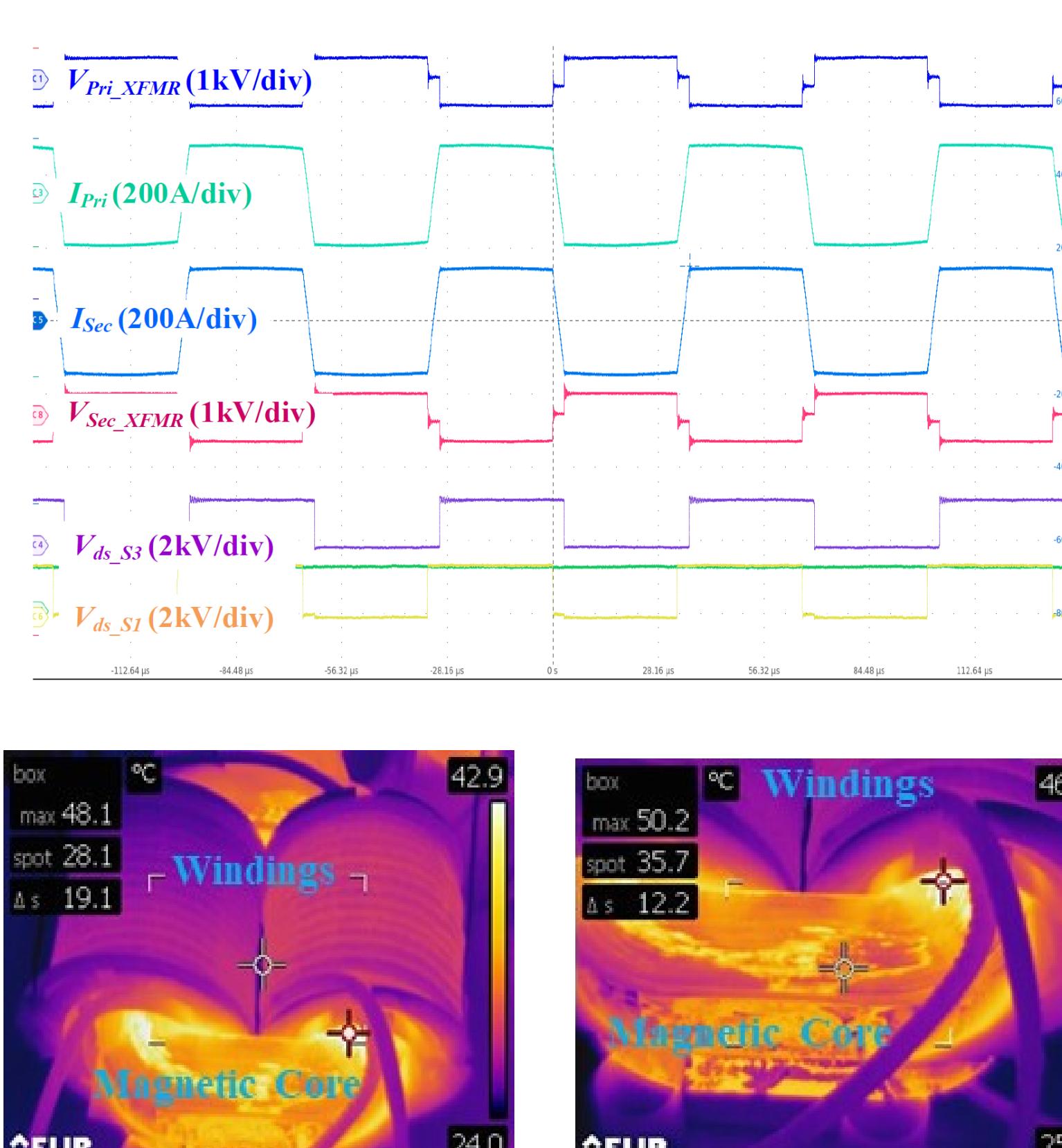
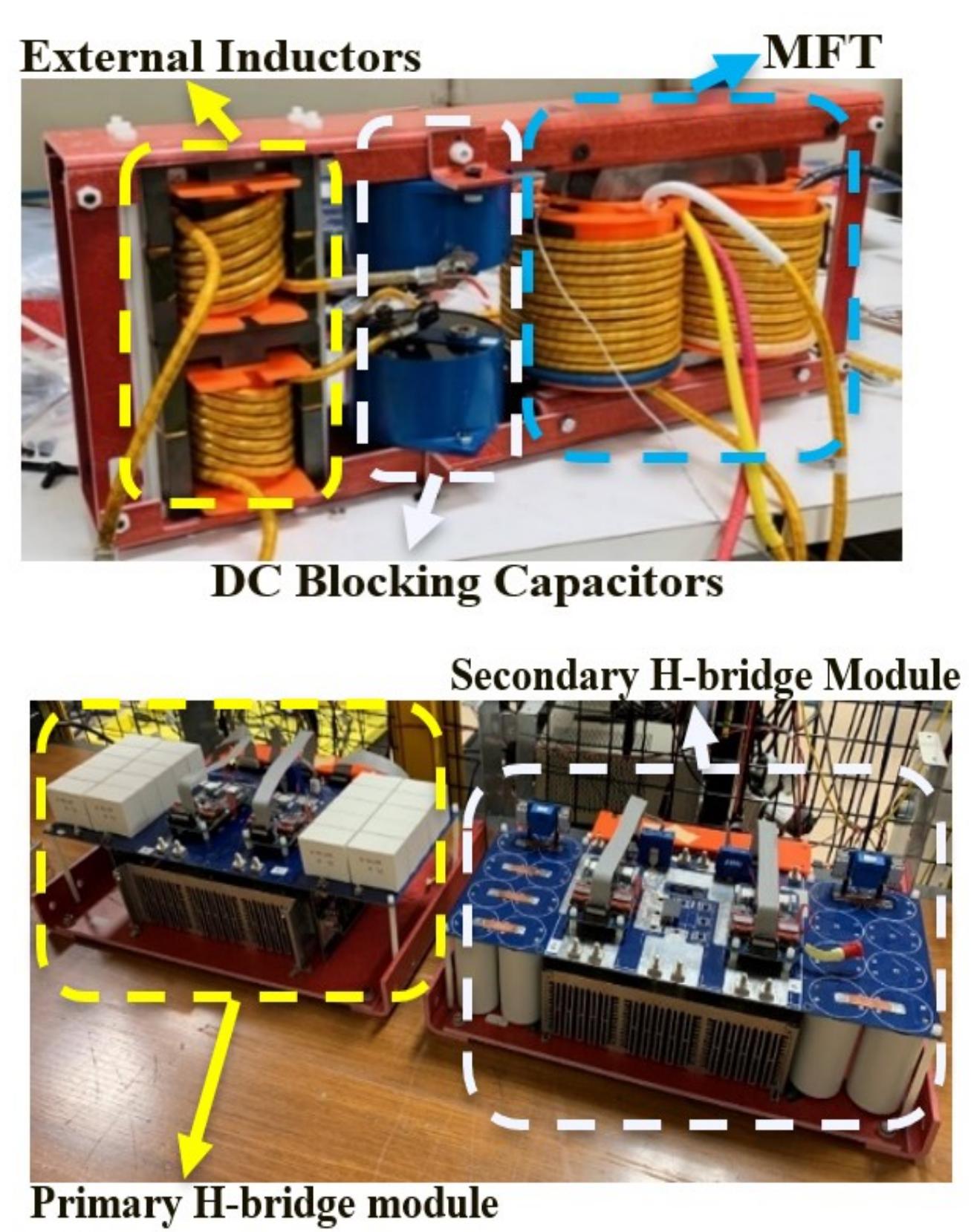
# Magnetic Design of a 4.16 kV/1 MW Medium Voltage PV Plus Storage Solid State Transformer (PVS-SST)

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MFT design optimization flowchart

## MFT Prototype & Experimental Results



The DAB converter is 99.53%, and the efficiency at 200 kW is 98.85%. The peak efficiency of MFT is 99.844%, and the efficiency at 200 kW is 99.842%.

❖ 200 kW DAB converter experimental verification