

MAGNETIC COMPONENTS



Power Ferrite Transformers

Electrical Characteristics

- Primary / Secondary insulation \geq 4000V
- Primary auxiliary insulation \geq 1500V
- Creepage distances primary / secondary \geq 6mm



Encapsulated Transformers

Electrical Characteristics

- Vacuum filling
- Two compartments bobbins
- UL 94 V0



Telecom transformers

Electrical Characteristics

- High inductance
- Low leakage inductance
- Low interwind capacitance



Line Filters

Electrical Characteristics

- Rated voltage(V):85 to 265VAC, 50/60Hz
- Insulation resistance: 100M Ω Min at 500DC
- Turns ratio: N1: N2 =1:1 \pm 2%



Frame Core Chokes

Electrical Characteristics

- Rated voltage 250VAC
- Turn ratio: N1:N2 =1:1 \pm 2%
- Hi-pot: Pri-Sec: 2500VAC/5mA/2s



High current inductor

Electrical Characteristics

- High saturation, high current low loss, low DC resistance
- Low temperature rise, high conversion efficiency



Common Mode Chokes

Electrical Characteristics

- 0.3A to 10A ratings
- 0.7mH to 100mH dual chokes
- Low resistance



Current Transformers

Electrical Characteristics

- Low profile, directly to PCB
- Insulation resistance: 500VDC>100M Ω
- Hi-Pot: 4000V 1mA 60S



Linear Transformers

Electrical Characteristics

- Channel frame mounting
- High Isolation, 2500V RMS hipot
- Vacuum Impregnated



DR Inductor

Electrical Characteristics

- Small size, small occupation space easy installation
- High Q value, high self-resonance frequency

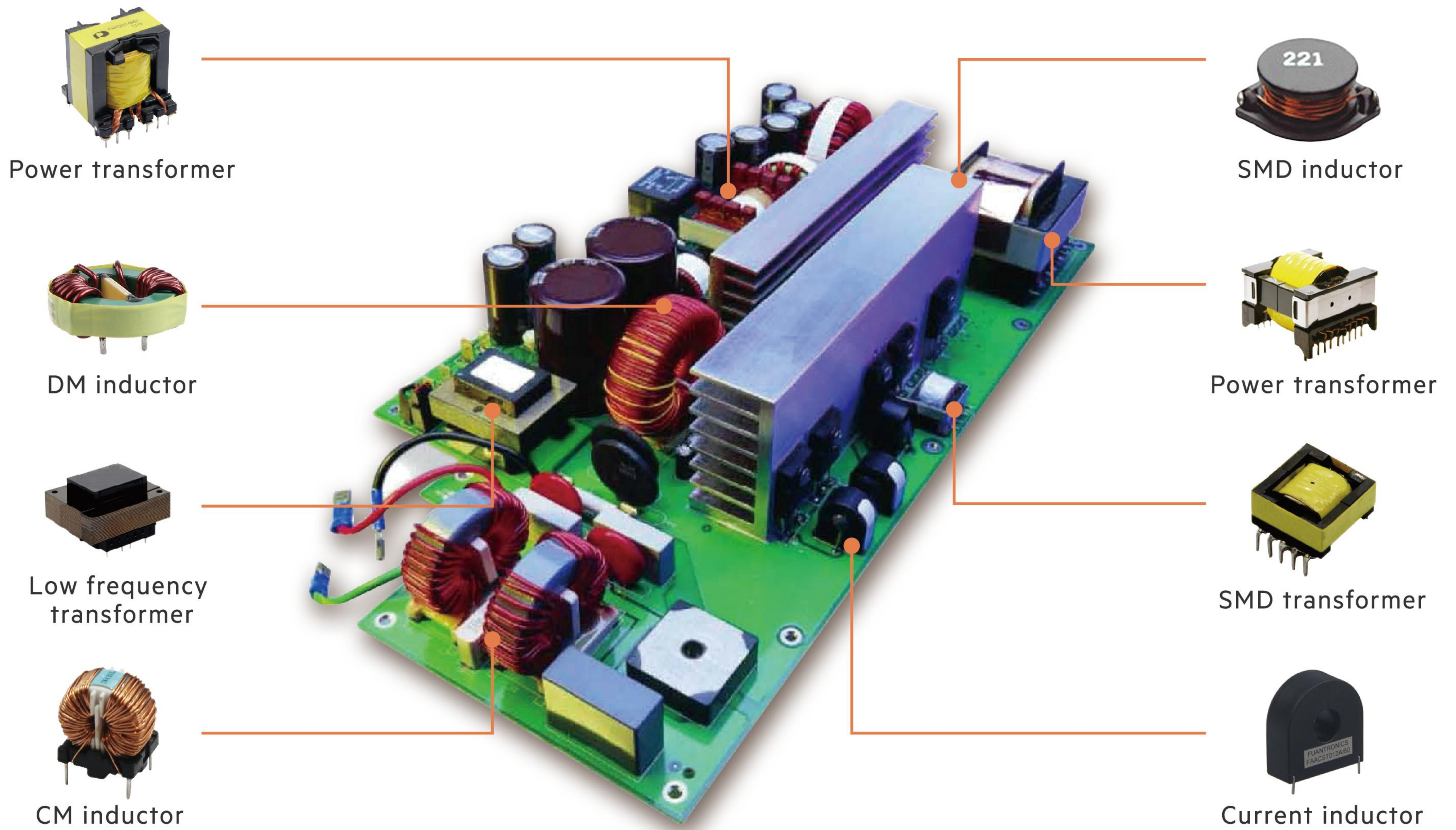


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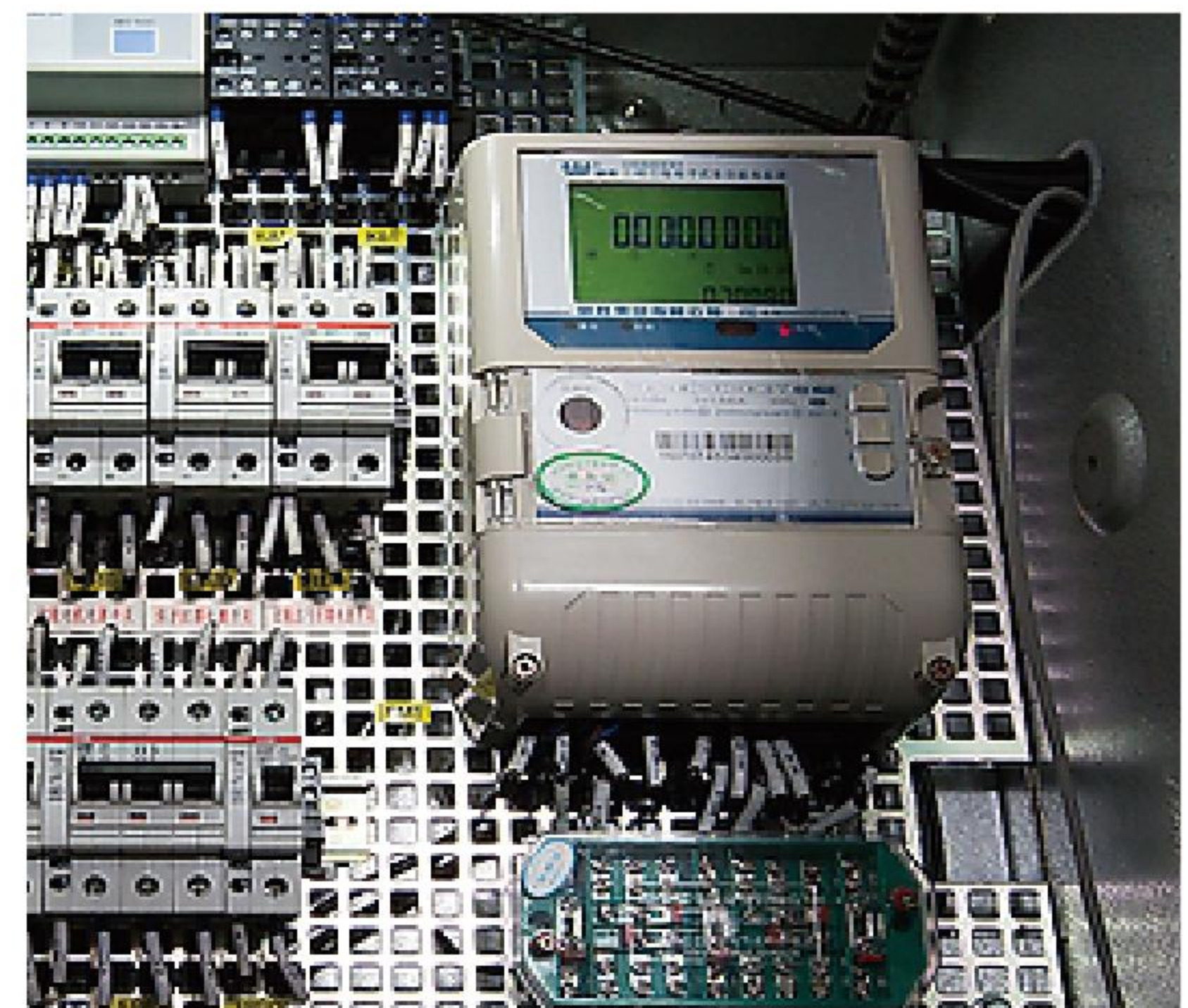


Magnetics - The Heart of SMPS



APPLICATIONS

- FLOOR SCRUBBER APPS
- ELECTRIC METER APPS
- WATER METER APPS
- REFRIGERATOR APPS
- WASHING MACHINE APPS



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