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(54) **SWITCHING POWER SUPPLY STRUCTURE**

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(71) Applicant: **MORNSUN GUANGZHOU  
SCIENCE & TECHNOLOGY CO.,  
LTD.**, Guangzhou (CN)

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(72) Inventors: **Yongxian HUANG**, Guangzhou (CN);  
**Huayi SHEN**, Guangzhou (CN);  
**Gengwu LI**, Guangzhou (CN); **Wei  
LIU**, Guangzhou (CN); **Jie LIU**,  
Guangzhou (CN)

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(73) Assignee: **MORNSUN GUANGZHOU  
SCIENCE & TECHNOLOGY CO.,  
LTD.**, Guangzhou (CN)

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(57) **ABSTRACT**

A switching power supply structure includes a housing, a base and circuit boards, where the housing and the base enclose a cavity for accommodating the circuit boards, and a first heat dissipation channel is formed at an opening of the cavity; the housing consists of a top plate and two side plates, and a plurality of heat dissipation holes, including polygonal holes, are reserved in the housing in an array form, which forms a second heat dissipation channel. The first and second heat dissipation channels are provided, with the heat dissipation holes of the second heat dissipation channel having polygonal structures, which enlarges the heat dissipation area, achieving simple structure and good heat dissipation effect. Furthermore, due to the structural optimization of the housing and the base, the automation degree of product assembly is improved, thus lowering the cost of materials for the entire power supply housing structure.

