SKK Switching Power Supply Series

FUNCTIONS & FEATURES
1. High quality
2. High reliability
3. Low ripple
4. 100% full load burn-in test
5. Compact size
6. Lightweight
7. High efficiency
8. Low operating temperature
9. Long life
10. Compatible to different voltage level
11. Short-circuit protection
12. Over load protection
13. Over voltage protection

AC-DC Single group output

<table>
<thead>
<tr>
<th>Type</th>
<th>Power W</th>
<th>Input</th>
<th>5V</th>
<th>7.5V</th>
<th>12V</th>
<th>15V</th>
<th>24V</th>
<th>27V</th>
<th>48V</th>
<th>Function</th>
<th>Outlet</th>
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<td>15</td>
<td>S</td>
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<td>F</td>
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<td>2.1</td>
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</table>

Performance

Input AC voltage 85~132VAC or 170~264VAC alternatively
Input AC frequency 47~63Hz
Efficiency 25W: 70% 500W-75% 100W-90% 200W: 81% full load against 12V signal output type
Stability of output Typical value of 0.5% (To main output electric circuit)
Stability of load Typical value of 1% (To main output electric circuit)
Trimming range of output voltage ± 10% ± 5% (To main output electric circuit)
Ripple & noise 1% Peak-Peak value (Actual value below 20mV)
Over voltage protection 115%~135% (To main electric circuit)
Over load protection All output terminals protected when short-circuit or overload

Withstand voltage

<table>
<thead>
<tr>
<th>Type</th>
<th>Primary side/Secondary side</th>
<th>Primary side/Shell</th>
<th>Secondary side/shell</th>
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<tr>
<td>TUV type</td>
<td>3000VAC</td>
<td>1500VAC</td>
<td>500VAC</td>
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<td>Other type</td>
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</table>

Holding time Typical value of 20ms when full load
Temperature coefficient 0.02%~0.05%/°C
EMI standard (a) FCCPART 15A, B (b) EN55022, CISPR PUB22 A, B
Security standard (a) U11012 (b) EN60950 (ICE950, UL1950)
Ambient temperature for operation -10~60°C
Ambient temperature for preservation -20~85°C

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SKK Switching Power Supply Series

Note 1: Choice between 85-132 and 170-264
A: Automatic switchover  F: Full range  S: Choice by switch  J: Choice by jumper wire  X: Fix

Note 2: Function
A: Overload (Over current) short-circuit protection  B: Over voltage of output protection
C: Over temperature protection  D: Automatic on/off control of hot exhaust fan (Lengthen life)
E: Monitor signal of power supply  F: Output connected TTL signal available
G: Operation under series or parallel connection available  H: Operation under series connection available
I: Protection device for charging  J: Remote control of output voltage avoids wire connection loss
K: LED display for output  Note 5: Security standard

Note 3: Security standard
T: TUV EN60950/ICE950 UC1950 certified  U: UL1010 certified

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