



## Power supply □ 6ES7407-0KR02-0AA0

URL: <https://www.sxplc.com/power-supply-6es7407-0kr02-0aa0>

### Product data sheet

SIMATIC S7-400, Power supply PS407; 10 A, wide range, UC 120/230V, 5 V DC/10 A, for  
redundant use

Supply voltage	
Rated value (DC)	
<ul style="list-style-type: none"> <li>• 120 V DC</li> <li>• 230 V DC</li> </ul>	Yes Yes
Rated value (AC)	
<ul style="list-style-type: none"> <li>• 120 V AC</li> <li>• 230 V AC</li> </ul>	Yes Yes
Line frequency	
<ul style="list-style-type: none"> <li>• Rated value 50 Hz</li> <li>• Rated value 60 Hz</li> <li>• permissible range, lower limit</li> <li>• permissible range, upper limit</li> </ul>	Yes Yes 47 Hz 63 Hz
Mains buffering	
<ul style="list-style-type: none"> <li>• Mains/voltage failure stored energy time</li> <li>• Mains buffering according to NAMUR recommendation</li> </ul>	20 ms Yes
Input current	
Rated value at 120 V DC	1 A
Rated value at 230 V DC	0.5 A
Rated value at 120 V AC	0.9 A
Rated value at 230 V AC	0.5 A
Inrush current, max.	63 A; Full width at half maximum 1 ms
Leakage current, max.	5 mA
output voltage / header	
Type of output voltage	DC
Rated value (DC)	
<ul style="list-style-type: none"> <li>• 5 V DC</li> <li>• 24 V DC</li> </ul>	Yes Yes
Output current	
for backplane bus (5 V DC), max.	10 A; no base load required
for backplane bus (24 V DC), max.	1 A; idling-proof
Short-circuit protection	Yes
Power	
Active power input, typ.	95 W
Power loss	
Power loss, typ.	20 W
Battery	
Backup battery	
<ul style="list-style-type: none"> <li>• Backup battery (optional)</li> </ul>	Yes; 1x lithium AA; 3.6 V / 2.2 Ah

