# FSP600-80PSA(SK)

## FEATURES

- Certified CB 62368-1 & CB 60950-1
- Meet 80 Plus Bronze
- Design for 5,000 Meter above sea level
- High Reliability
- Low Ripple & Noise
- Over Current Protection
- Over Temperature Protection
- Over Voltage Protection

## SAFETY STANDARD APPROVAL

## DESCRIPTION

FSP600-80PSA(SK) is an industrial level of switching power supply. The power supply comes to offer the total power capacity up to 600 Watts, and provides optional -5V output features, which makes it to be perfectly used in an industrial environment. In addition, the power supply is ideally the best choice for workstation, communication or any other automation applications to use. The product also complies with the latest safety and EMC standards, which is perfectly to meet various regulations worldwide.

## GENERAL SPECIFICATIONS

Dimension (L x W x H):  140 x 150 x 86 (mm)
5.51 x 5.91 x 3.39 (inch)

Efficiency:  80 Plus Bronze

Hold-up time:  115V / 60Hz: ≥ 16ms
230V / 50Hz: ≥16ms

Operating altitude:  5,000 meters above sea level

Environment
Working temperature:  0°C to 50°C
Storage temperature:  -20°C to + 80°C
Working humidity:  85% RH non-condensing
Storage humidity:  95% RH non-condensing

MTBF:  100,000 hours of continuous operation at 25°C, Max,-output load

Applications:  Workstation ,Storage System ,IPC Controller

## INPUT SPECIFICATIONS

Input voltage:  90-264Vac
Input frequency:  47-63Hz
Input current:  115Vac @ 6A, 230Vac @ 3A

## OUTPUT RATING

| Outputs | +3.3V | +5V | +12V1 | +12V2 | +12V3 | +12V4 | -12V | +5Vsb | -5V* |
|---------|-------|-----|-------|-------|-------|-------|------|-------|------|
| Max. | 25.0A | 25.0A | 16.0A | 16.0A | 16.0A | 16.0A | 0.5A | 4.0A | 0.1A |
| Min. | 0.0A | 0.2A | 0.05A | 0.0A | 0.0A | 0.0A | 0.0A | 0.0A | 0.0A |
| Regulation | ±5% | ±5% | ±5% | ±5% | ±5% | ±5% | ±10% | ±5% | ±10% |
| Ripple/Noise | 50 mV | 50 mV | 120 mV | 120 mV | 120 mV | 120 mV | 120 mV | 50 mV | 100 mV |

The +3.3V and +5V total output shall not exceed 150W
* -5V (Optional)

2020.05 spec

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## MECHANICAL SPECIFICATIONS

UNIT: mm [inch]



SPEC LABEL

AIR FLOW

P1
24
CPU1
CPU1
CPU2
CPU2
P4
PG
PH
PI
PJ
PA
PB
PC
PD

86.0±0.5
16.0±0.1
64.0±0.1
6.0±0.1
114.0±0.1
138.0±0.1
140.0±0.5
150.0±0.5
30.0±0.1
23.5
38.0
4-#6-32 UNC
6.0±0.1
74.0±0.1

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