# PC PSU
# FSP350-60EGN

## DESCRIPTION

This specification describes a 350 watts power supply. With 6 output, and remote ON/OFF control for ATX-12V system and a "Power factor correction (active PFC)" circuit at 100V-240Vac.

## APPLICATION
Desktop

## WATTAGE
**Wattage:**          350W

## DIMENSION
**Dimension:**        140mm(L) x 150mm(W) x 86mm(H)

## PRODUCT HIGHLIGHT
**Efficiency Level:**   80PLUS Gold
**Erp Lot:**            <0.5W
**Input Voltage:**      100~240Vac

## INPUT SPECIFICATION
**Input Range:**        100-240 Vac
**Input Frequency:**    47-63 Hz
**Input Current:**      115V@ < 6.0 Amps - rms
                        230V@ < 3.0 Amps - rms

## OUTPUT SPECIFICATION
**Hold up Time:**       115V/60Hz 17mSec. Minimum@100% Load,
**Output Rise Time:**   +3.3V 20mS (maximum)
                        +5V 20mS (maximum)
                        +12 V 20mS (maximum)
                        -12 V 20mS (maximum)

## SAFETY STANDARD APPAOVAL

## GENERAL SPECIFICATION
**Efficiency:**          80PLUS Gold
**PWOK Delay Time:**    500ms > PWOK > 100ms
**EMC Performance:**    EN55022 class B
                        EN55024
                        EN 61000-3-2
                        EN 61000-3-3

## ENVIRONMENTAL SPECIFICATION
**TEMP.Range:**         Storage Temperature: -40°C to + 70℃
**MTBF:**               The power supply reliability, when calculated by "Bellcore" latest revision are exceed 100,000 hours with all output at maximum load and an ambient temperature of 25℃.

*Output Voltage and Current Rating

|                       | +3.3V | +5V  | +12V1 | +12V2 | -12V  | +5Vsb |
|-----------------------|-------|------|-------|-------|-------|-------|
| **Ripple-Noise(R-P) mV** | 50mV  | 50mV | 120mV | 120mV | 200mV | 50mV  |
| **Regulation Load %** | ±5%   | ±5%  | ±5%   | ±5%   | ±10%  | ±5%   |
| **Output Max.(A)**    | 21A   | 15A  | 16A   | 16A   | 0.3A  | 3A    |
| **Output Min.(A)**    | 0.1A  | 0.2A | 0.1A  | 0A    | 0A    | 0A    |

## NOTES
(1) +3.3V & +5V total output not exceed 103W.
When +5V is load to 15A, the +3.3V maximum load is 8.5A.
When +3.3V is load to 21A, the +5V maximum load is 6.7A.

(2) +12V1 & +12V2 total output not exceed 336W(28A).

(3) All outputs shall be safety-isolated from the AC mains and share a common return. This common return must be connected to supply chassis.

(4) Voltages and ripple are measured at the load side of mating connectors with a 0.1uF monolithic ceramic capacitor paralleled by a 10uF electrolytic capacitor across the measuring terminals.

This content is subject to change, please refer to specification for more detail.
FSP reserve the right to change the content without prior notice