

**DESCRIPTION**

Power supply with LED Driver operates with 5V1 & 16V2 & 16VA outputs for 55" LCD TV

**APPLICATION**

Power supply with LED Driver for LCD TV

**FEATURES**

- Power supply with LED Driver
- Power saving less than 0.29W at AC input 120Vac with 5V1 /20mA load condition
- OVP & OCP & SCP protection
- Hold up time 21.6mS Min.
- Efficiency 85% Min. at AC input 120Vac and LED dimming 100% ( Warm up 10 minutes later)

**WATTAGE**

Wattage: 165W

**PRODUCT HIGHLIGHT**

Screen Size: 55"  
 Output Voltage: 5V1 & 16V2 & 16VA  
 Dimension: 215 ( L ) x 185 ( W ) x 15 ( H ) mm

**INPUT SPECIFICATION**

Input Range: 96 - 144 VAC  
 Input Frequency: 47 - 63 Hz

**OUTPUT SPECIFICATION**

Output Voltage/ Current:

Output1	Output2	Output3	Output4
5 V , 0.96 A	16 V , 2.71 A	16 V , 1.38 A	132 V , 0.75 A

**OTHERS**

Efficiency: 85 % Typical  
 Hold-up time: 12 ms minimum at 110 VAC

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

**FSP165TQVQ1320**



165W/132V/16V/5V

**EMC PERFORMANCE**

- EN61000-4-2: ESD, ±15 KV air, ±8 KV contact  
 EN61000-4-4: Impulse: Fast transtient , +- 2KV applied to AC line, pulse duration 50nS period 5 min.  
 EN61000-4-5: Surge, + - 2 KV applied differential mode, pulse rise time 1.2uS and duty time 50uS,5 times for each one. + - 4 KV applied common mode, pulse rise time 1.2uS and duty time 50uS,5 times for each one.