

SPECIFICATIONS

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|------------------|-----------|--------------|-------------|
| Product. | SMPS | Date. | 2016.08.29. |
| Model. | JSF200- S | Rev. | A |
| Customer. | Standard | Page. | 1 / 1 |

| MODEL/CHANNEL | | Unit. | 05 | 12 | 24 | 48 |
|-----------------------------|----------------------------|--------------------------|---|-------------|-------------|-------------|
| INPUT | Voltage , Frequency | [V] | AC100 - 120 / 200 - 240V(AC88-132 / 176-264V) , 50/60Hz(47 - 440) or DC248-370V (User-Selectable) | | | |
| | Current | 110V | 4.5 | | | |
| | Typ. | 220V | 2.5 | | | |
| | Efficiency | 110V | - | | | |
| | Typ. | 220V | 76 | 82 | 84 | 86 |
| | Power factor | 110V | - | | | |
| | Typ. | 220V | - | | | |
| Inrush Current | 110V | [A] | 40 (Ta=25℃ , Io=100% at Cold Start) | | | |
| Typ. | 220V | | 55 (Ta=25℃ , Io=100% at Cold Start) | | | |
| Leakage Current | 110V | [mA] | - | | | |
| Max. | 220V | | 1.5 | | | |
| OUTPUT | Normal Voltage | [V] | 5 | 12 | 24 | 48 |
| | Setting Voltage Range | [V] | 4.9 ~ 5.1 | 11.7 ~ 12.2 | 23.5 ~ 24.3 | 47.5 ~ 48.5 |
| | current | [A] | 40 | 17 | 8.8 | 4.4 |
| | Line Regulations | [mV] | 25 | 60 | 120 | 240 |
| | Load Regulations | [mV] | 50 | 60 | 120 | 240 |
| | Cross Regulations | [mV] | - | - | - | - |
| | Temperature Drift | [mV] | 75 | 180 | 360 | 720 |
| | Ripple(pk- pk) | [mV] | 50 | 100 | 100 | 180 |
| | Ripple & Noise(pk- pk) | [mV] | 80 | 120 | 120 | 200 |
| | Turn- on Time Typ | [ms] | 1000 (AC IN 100V, Io=100%) | | | |
| Hold- up Time Typ. | [ms] | 16 (AC IN 100V, Io=100%) | | | | |
| Function | Over Voltage Protection | [V] | Work at 115% ~ 140% of rating | | | |
| | Over Current Protection | [A] | Work at over 110% of rating and recovers automatically | | | |
| | Remote ON.OFF | - | - | - | - | - |
| | Remote Sensing | - | - | - | - | - |
| | Power Fail Signal | - | - | - | - | - |
| | Parallel/ Series Operation | - | Series operations is possible | | | |
| | Cooling / O.T.P | - | Forced air by blower FAN | | | |
| Electrical Isolation | (1) Input - Output | - | AC 3.0KV 1min, cut-off: 20mA / DC 500V 100MΩ | | | |
| | (2) Input - F.G | - | AC 2.0KV 1min, cut-off: 20mA / DC 500V 100MΩ | | | |
| | (3) Output - F.G | - | AC 0.5KV 1min, cut-off:100mA / DC 500V 100MΩ | | | |
| Environment | Operating temp. & Humidity | - | -20 ~ +70℃ (Required Derating) , 20 ~ 90% RH (Non Condensing) | | | |
| | Storage temp. & Humidity | - | -20 ~ +75℃, 10 ~ 95% RH (Non Condensing) | | | |
| | Vibration | - | 10~55Hz at 1G, 3minutes period, 30minutes along X,Y and Z axis | | | |
| Dimension | Size(WxHxD) / Weight | mm / g | 199 x 98 x 50 | | / 730 | |
| Safety | EN, IEC, KC(60950- 1) | - | CE, CB, KC approved | | | |
| Emission | EMI CONDUCTION & RADIATION | - | Complied with EN55022 Class B / KN 22 approved | | | |
| | EMS IMMUNITY | - | Complied with EN55024 / KN 24 approved | | | |
| PFHC | - | - | - | | | |