



SUNPOWER TECHNOLOGY CORP.
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SPX-6520P2

Active P.F.C Function
515W, Six Output
For Industrial 2U System



100 x 240 x 70mm
 3.94 x 9.45 x 2.76inch



Features:

| |
|---|
| Universal full range AC input with active PFC, P.F.> 0.95 |
| +3.3V, +5V main output remote sensing |
| Remote control power ON/OFF |
| Over load, over voltage & short circuit protection |
| Built in EMI filter, low ripple noise |
| Built in long life ball bearing fan |
| 100% 50 burn-in test |
| Meet Intel ATX 2.01 / ATX2.03 / ATX 12V / EPS |
| UL, cUL, TUV, ,CB, CE certified |
| 1 years warranty |

Specification:

| | V1 | V2 | V3 | V4 | V5 | V6 | | |
|-------------|---|---|-----|-------|------|-------|--------|-----|
| OUTPUT | Voltage | +3.3V | +5V | +12V | -5V | -12V | +5Vsb | |
| | Min. Load | 0A | 1A | 0A | | | | |
| | Max. Load | 28A | 42A | 33A | 0.5A | 1A | 2A | |
| | Regulation | ±5% | | | | | +8/-5% | ±5% |
| | Ripple Noise(max) | 50mV | | 100mV | 50mV | 120mV | 50mV | |
| | Efficiency (typ) | 70% | | | | | | |
| | Max Power | +3.3V & +5V max 210W, total output max 515W | | | | | | |
| INPUT | Voltage | 90V ~ 264V universal full range, single phase | | | | | | |
| | Frequency | 47 ~ 63 Hz | | | | | | |
| | Current | <7.3A @ 100V AC input, full load condition | | | | | | |
| | Inrush Current | <40A@115V / <80A@230V AC input, full load condition. Cold start at 25 ambient | | | | | | |
| | Leakage Current | <1.5mA@264V AC input | | | | | | |
| | Power Factor | Meet IEC 1000-3-2 class D, P.F. : 0.995@115V AC, 0.975@230V AC | | | | | | |
| PROTECTION | OverLoad Protection | Over 105% ~ 150% of rating, shutdown | | | | | | |
| | Over Voltage Protection | +3.3V: +3.8V~+4.6V, +5V: +5.8V~+7.0V, +12V: +13.8V~+17.5V | | | | | | |
| | ShortCircuit Protection | Shutdown | | | | | | |
| OTHERS | Setup time | --- | | | | | | |
| | Rise time | <50mS | | | | | | |
| | Hold up time | >20mS@230V | | | | | | |
| | TTL Signal | Power Good Signal, PS-ON Signal | | | | | | |
| | Cooling | Two 17.25 CFM (min.) DC ball bearing Fan | | | | | | |
| Environment | Temperature | Operating: 0~70 ; derating: 45 ~70 : 2.5%/ . Storage: -10~+75 | | | | | | |
| | Humidity | Operating: 20% ~ 85%; Storage: 10% ~ 95% (non condensing) | | | | | | |
| M.T.B.F. | 91K hours | | | | | | | |
| SAFETY | UL 60950, CSA C22.2 No.60950, TUV EN 60950, IEC 60950, EMKO -TSE (74-SEC)207/94 Certified | | | | | | | |
| EMC | EMI | FCC CFR 47 PART 15 CLASS B, EN 50081-1, CNS 13438 CALSS B. | | | | | | |
| | EMS | EN 50082-1 (1997) | | | | | | |



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Dimension:

