



Model:KP-DY300H

category:DC-DC Power Supply >> 24VDC

KP-DY300H

Input

| Normal | Min. | Max. | Input Amp |
|--------|--------|--------|------------|
| 24 Vdc | 18 Vdc | 36 Vdc | 22 A(max.) |

DC output Characteristics

| Output Voltage | V1 +5V | V2 +3.3V | V3 +12V | V4 -5V | V5 -12V | V6 +5V SB |
|--|-----------|-------------|------------|-----------|------------|--------------|
| Max. Load | 35A | 14A | 12A | 1A | 2A | 1A |
| min. Load | 3A | 0A | 1A | 0A | 0A | 0A |
| Peak | 38A | 21A | 16A | | 3A | 2A |
| Total combined output of +3.3V and +5V shall not exceed 175W | | | | | | |
| Cross reg.% | ±5% | ±5% | ±5% | ±2% | ±10% | ±5% |
| Cross reg.% | ±5% | ±5% | ±5% | ±2% | ±10% | ±5% |
| Line Reg.% | ±1% | ±1% | ±1% | ±1% | ±1% | ±1% |
| Ripple & Noise | 50mVp-p | 33mVp-p | 100mVp-p | 50mVp-p | 100mVp-p | 50mVp-p |

Efficiency: 65% at typical load

Hold up time: 16ms at full load

Power good signal: 100~500ms

Shout Circuit Protection: A short circuit on any DC output will cause the power to latch.

Over power protection: Peak power protected to between 110% to 125% of continuous rated power.

Over voltage protection: +5V:5.5-6.5V

Teamperture range: 32°F ~122 °F (0~ 50°C)

Relative Humidity: Operating: 10~90% rh

Storage: 5%~90% rh

Safety Standards: Meets UL 1950, CSA 22.2 No.234, TUV IEC 950, FCC Class B, VDE Class B

M.T.B.F.: 100k hours at 25°C

Dimention: (W x H x D)

150 x 86 x 142 mm/ 5 7/8"x3 3/8"x5 1/2"