

UDH300-AF

- ✱ 300W PS II Size Form Factor Power Supply
- ✱ DC-36 V~72V
- ✱ Remote sensing design
- ✱ UL, CUL, TUV, CE, CB approved.
- ✱ Meet FCC Class A, CISPR22 Class A
- ✱ Protection on OVP,OPP
- ✱ Short Protection Latch OFF
- ✱ MTBF > 100,000 hours



APPLICATION:

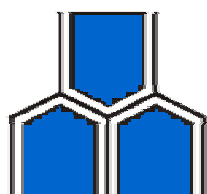
- Full-Range Tower Case
- Disk Array Case
- 19" IPC 4U Case

SPECIFICATIONS

| | | | | | | | |
|---------------------------------------|--------------------------------|---|-------------|-------|-------|-------|------|
| INPUT | Voltage | AC 90V ~ 264V | | | | | |
| | Current | 15A typical | | | | | |
| | Efficiency (%) | 65% Typical , at Full Load | | | | | |
| OUTPUT | Voltage (V) | +5V | +12V | +3.3V | -5V | -12V | 5VSB |
| | Max. Load (A) | 30A | 15A | 14A | 0.5A | 1A | 1.5A |
| | Min. Load (A) | 5A | 1A | 0.2A | 0A | 0A | 0A |
| | Line Reg. (%) | ±1 % | ±1 % | ±1 % | ±1 % | ±1 % | ±1 % |
| | Load Reg.(%) | ±5 % | ±6 % | ±5 % | ±5 % | ±5 % | ±5 % |
| | Cross Reg.(%) | ±5 % | ±6 % | ±5 % | ±5 % | ±5 % | ±5 % |
| | Ripple & Noise (mV) | 80mV | 120mV | 50mV | 120mV | 120mV | 50mV |
| | Hold-Up Time (mS) | 5mS TYPICAL. at AC 48V Full Load | | | | | |
| | Rise Time (mS) | 20mS MAX. at Full Load | | | | | |
| | Power Good (mS) | Power Good Delay Time 100mS to 500mS | | | | | |
| PROTECTION CIRCUIT | Over Power (%) | 130% Typical | | | | | |
| | Over Voltage (V) | +5V(5.7V ~ 7.0V),+12V (13.4V ~ 15.6V),+3.3V (3.7V ~ 4.3V) | | | | | |
| ENVIRONMENT | Operating Temp. | 0 Degree C ~ 50 Degree C | | | | | |
| | Storage Temp. | -20 Degree C ~ 80 Degree C | | | | | |
| | Humidity Range | 20% ~ 90% RH | | | | | |
| SAFETY & NOISE REGULATIONS | Safety | UL ,CUL , TUV, CE, CB, approved | | | | | |
| | RFI/EMI | Meet FCC Class A , CISPR22 Class A | | | | | |
| | Harmonic Attenuator | Meet IEC1000-3-2 | | | | | |
| OTHERS | Remote ON/OFF | Remote ON = L < 1V , Remote OFF = H >2.4V | | | | | |
| DIMENSION | Dimension | 140mm (W) x 86mm(H) x 150mm (D) | | | | | |

Remarks: **+3.3V and +5V Combined Power 160W MAX.**

+3.3V, +5V and +12V Combined Power 280W MAX.



環隆科技
UMEC

HEADQUARTER

No.3, 27 th Road, Taichung Industrial Park,
Taichung, Taiwan, R.O.C
TEL:+886-4-23590096
FAX:+886-4-23590129 ; 3590063
<http://www.umec-web.com>
E-mail: business@umec.com.tw

TAIPEI OFFICE

9F, No.275, NANKING E. Road, Sec. 3,
Taipei, Taiwan, R.O.C.
TEL:+886-2-25461228
FAX:+886-2-25461250