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|--------------------------------------|---|
| Model information                    | YSD40   |
| Power:                               | 40W max.  |
| Input :                              | 100-240VAC 50/60Hz  |
| Output Voltage:                      | 5-36V   |
| Output Current:                      | 0.1-3A  |
| Input current:                       | 0.5A max.   |
| Inrush Current:                      | 90 Amps max. at 230VAC/50Hz,full load   |
| Leakage Current:                     | 0.25mA Max. at 264VAC input   |
| Energy Efficiency Level :            | level V   |
| No Load Power Consumption :          | <0.15W  |
| Protections :                        | Short Circuit /Over Current /Over Voltage   |
| Short Circuit Protection (SCP) :     | Protection to Zero Voltage  |
| Over Voltage Protection (OVP):       | $\leq V_{out} * 150\%$  |
| Over Current Protection (OCP):       | 110%-180%   |
| Working TEMP.:                       | -20°C-50°C  |
| Working Humidity :                   | 5%-90% RH non-condensing  |
| Storage TEMP.,Humidity and altitude: | -40°C ~+70°C ambient temperature and a 5% to 95% relative humidity range throughout an altitude range of -60 meters to +5000 meters AMSL.           |
| Certificates and approvals:          | CE,EMC,   |
| EMI EMISSION:                        | Radiation Test&Conduction Test: EN 55022/FCC Part 15<br>Harmonic Test : EN 61000-3-2<br>Flicker Test : EN 61000-3-3                                 |
| EMS IMMUNITY:                        | ESD Test:EN 61000-4-2<br>RS Test:EN 61000-4-3<br>EFT Test:EN 61000-4-4<br>Surge Test:EN 61000-4-5<br>CS Test:EN 61000-4-6<br>DIP Test:EN 61000-4-11 |
| RoHs compliance                      | ROHS directive " 2011/65/EU "   |
| MTBF:                                | 100000 hours minimum at full load at 25°C ambient   |
| Burn-in                              | The power supply shall be burn-in for 2 hours under nominal input and 100% load at ambient temperature of 25 degrees C                              |
| Life:                                | continuously operation for 3 years alternative  |
| Dimension:                           | 93x79x56mm  |
| Weight:                              | 196g  |
| Packing:                             | 50PCS/CTN,43*23*32.5CM  |

|                          |  |               |               |               |               |               |
|--------------------------|--|---------------|---------------|---------------|---------------|---------------|
| Model:                   | YSD40-0703000  | YSD40-0903000 | YSD40-1203000 | YSD40-1502200 | YSD40-2401500 | YSD40-3601000 |
| DC Voltage:              | 7V   | 9V            | 12V           | 15V           | 24V           | 36V           |
| Rated Current:           | 3A   | 3A            | 3A            | 2.2A          | 1.5A          | 1A            |
| Rated Power:             | 21W  | 27W           | 36W           | 33W           | 36W           | 36W           |
| Ripple & Noise(max.):    | 70mVp-p  | 90mVp-p       | 120mVp-p      | 150mVp-p      | 240mVp-p      | 360mVp-p      |
| Voltage Tolerance:       | ±5%  | ±5%           | ±5%           | ±5%           | ±5%           | ±5%           |
| Line Regulation:         | ±3%  | ±3%           | ±3%           | ±3%           | ±3%           | ±3%           |
| Load Regulation:         | ±5%  | ±5%           | ±5%           | ±5%           | ±5%           | ±5%           |
| Setup,Rise,Hold up time: | 3 second max./40 MS max./5 MS max. at 100VAC input and output max. load. |               |               |               |               |               |

