

RisolarTM

bridging the gap

Did You Know...

-  Over 3,500 schools in South Africa have no electricity
-  South Africa enjoys one of the world's highest average daily hours of sunshine, totalling 8,5 hours per day, compared with 3,8 in London, 6,4 in Rome and 6,9 in New York.
-  Most of the world's sunniest countries are on the African continent. Only two countries outside of Africa and the Arabian Peninsula make the list of ten sunniest countries - Australia and the United States.



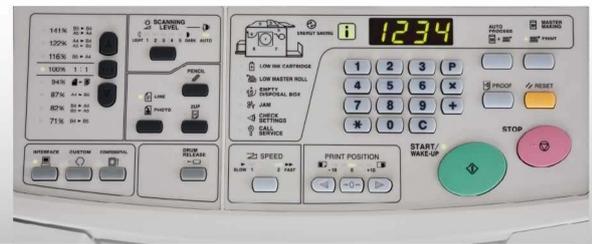
Bridging the gap between your printing needs and reliable, accessible power with the world's first solar-powered, off-the-grid printing solution

TM
Print Using Natural Energy

RisolaraTM

KZ30 Specifications

TM



Master-making
Printing methods
Resolution:

Original Type:
Original Size:
Original paper weight:
Paper supply capacity:
Print area (max.):
Master-making time
Image Processing Modes:
Reproduction Ratio:

Print Speed:
Print Position Adjustment:
Ink Supply:
Master Supply:
Features:

Sound level:
Option:
Power Consumption
(without option):

Dimensions (WxDxH):

Weight:

High-speed digital master-making
Fully automatic stencil printing
Scanning resolution: 300dpi x 300dpi
Printing image resolution: 300dpi x 300dpi
Sheet
182mm x 257mm – 257mm x 364mm
50g/m² – 128g/m²
500 sheets (64g/m²)
249mm x 352mm
Approx. 48 seconds (for A4, portrait, 100% reproduction ratio)
Line, Photo, Duo, Pencil
Pre-set enlargements: 141%, 122%, 116%
Pre-set reductions: 94%, 87%, 82%, 71%
60ppm, 90ppm
Vertical: ±10mm, Horizontal: ±10mm
Fully automatic (800ml per cartridge)
Fully automatic (approx. 100 sheets per roll)
Auto base control, Auto process, Auto sleep, Confidential, Paper feed pressure adjustment (4 steps), Program printing, Scanning contrast (Auto + 5 steps), 2up, RISOTM I Quality SystemTM
Less than 70dB (90ppm at operating position)
RISOTM PC Interface Card USB 2.0
Max: 110W
Standby Mode: 13W
Sleep Mode: 5W
When in use: 1250mm x 655mm x 1040mm
When in storage: 600mm x 655mm x 1030mm
KZ30: Approx. 52Kg (without consumables)
RISOLARTM Power Stand: Approx. 36Kg

RisolaraTM Power Stand

Input: 12V DC battery (Integrated)
2 x 20W External solar panels with 10m of cable
Output: 220V AC 50Hz
Input: 220V ±35%, AC, 50Hz (Optional)
Output: Stabilised to 220V AC 50Hz

Automatic switchover to battery on mains failure
(UPS function)



The RISOLARTM Power Supply is designed to run the RISOTM KZ30 under the following conditions and limitations:

Print 1000 copies per day
Make an average of 5 masters per day (200 prints per master)
Have sufficient battery back-up for an extra 2 days without sun i.e. run 3000 prints
Provided that the solar panels are placed in full sunlight for at least 6 hours per day as per the instruction manual provided
The KZ30 and RISOLARTM power unit are switched off when not in use



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marketing@risoofafrica.co.za +27 11 314 0562
www.risolara.co.za