

960W High Input Voltage

- Input 340~550VAC, 3-phase
- **Width only 110mm**
- Built-in active PFC function
- **High efficiency up to 94.5%**
- Protections:
 - Short circuit / Overload / Over voltage / Over temp.
- Cooling by free air convection
- Installed on DIN rail TS-35 / 7.5 or 15
- EN61000-6-2(EN50082-2) industrial immunity level
- Current sharing up to 3840W (3+1)
- Built-in DC OK relay contact
- 3 years warranty



AC input voltage range 340~550VAC, 3-phase (2-phase operation possible)
 AC input current (Typ.)..... 2A / 400VAC, 1.4A / 500VAC
 AC inrush current Cold start, 60A at 400VAC
 DC adjustment range 24V: 24~28V, 48V: 48~55V
 Overload protection 105%~130% rated output power, constant current limiting, unit will shut down after 3 sec., re-power on to recover
 Over voltage protection 29~33V (24V model), 56~65V (48V model), shut down o/p voltage, re-power on to recover
 Over temperature..... Shut down o/p voltage, recovers automatically after temperature goes down
 Withstand voltage..... I/P-O/P:3kVAC I/P-FG:2kVAC O/P-FG: 0.5kVAC, O/P-DC OK: 0.5kVAC
 Working temperature -30~+70°C (refer to output derating curve)
 Safety standards..... UL508 approved; IEC60950-1 CB approved by SIQ
 EMC standards EN55022 class B, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11, EN61000-6-2 (EN50082-2), EN61204-3, heavy industry level
 Connection I/P: 3 poles, O/P: 6 poles screw DIN terminal

Model No.	Output	Tol.	R&N	Effi.
TDR-960-24	24V, 0~40A	±1.0%	180mV	94.0%
TDR-960-48	48V, 0~20A	±1.0%	250mV	94.5%

40 & 60W Output Current Programmable

- Universal AC input / Full range
- **Io can be trimmed 10~100% by 1~10Vdc, PWM signal or resistance**
- Installed on DIN rail TS-35 / 7.5 or 15
- Protections:
 - Short circuit / Overload / Over voltage
- Pass LPS
- Cooling by free air convection
- LED indicator for power on
- 100% full load burn-in test
- **Suitable for machine vision inspection system and plant cultivation application**
- 3 years warranty



AC input voltage range 90~264VAC; 127~370VDC
 AC inrush current Cold start, 60A at 230VAC
 DC adjustment range 12V: 12~15V, 24V: 24~30V
 Current adjustment range 10%~100% rated output current adjustable by 1~10Vdc, PWM signal or resistance
 Overload protection 95%~108% rated output power, constant current limiting, auto-recovery
 Over voltage protection..... 120%~155% rated output power, shut down o/p voltage, re-power on to recover
 Withstand voltage I/P-O/P: 3kVAC, I/P-FG: 2kVAC, O/P-FG: 0.5kVAC
 Working temperature -30~+70°C (refer to output derating curve)
 Safety standards UL60950-1, TUV EN60950-1 approved
 EMC standards EN55022 class B, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11, EN61204-3
 Connection I/P: 3 poles, O/P: 6 poles screw DIN terminal

✦ DRA-40 Series

Model No.	Output	Tol.	R&N	Effi.
DRA-40-12	12V, 0~3.34A	±1.0%	120mV	85%
DRA-40-24	24V, 0~1.7A	±1.0%	150mV	87%

✦ DRA-60 Series

Model No.	Output	Tol.	R&N	Effi.
DRA-60-12	12V, 0~5A	±1.0%	120mV	85%
DRA-60-24	24V, 0~2.5A	±1.0%	150mV	87%



We provide specification, drawing, test report and more information, please visit our website — <http://www.meanwell.com>



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