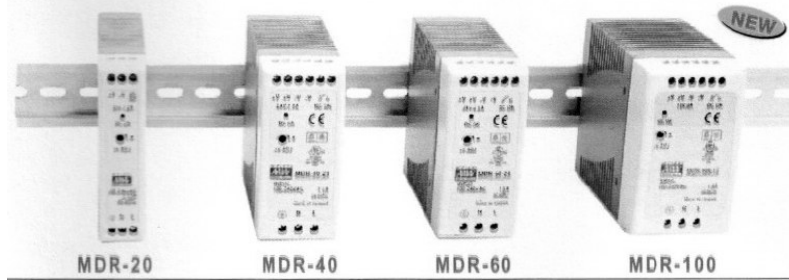


**New Miniature Power Supply series: 20W, 40W, 60W, 100W**



**Features:**

- Universal AC input/Full range
- Mounts to Din 35mm rail
- No load power consumption <0.75W
- LED indicator for power on
- 100% full load burn-in test

**General Specifications:**

Model No.	MDR-20	MDR-40	MDR-60	MDR-100
<b>AC Input Voltage</b>	85~264VAC; 120~370VDC			
<b>AC inrush current</b>	Cold start, 20A at 115VAC, 40A at 230VAC		Cold start, 30A at 115VAC, 60A at 230VAC	
<b>DC adjust range</b>	+~10% rated output volt.		0~+20% rated output voltage	
<b>Overload protection</b>	105%~160% constant current limiting, auto-recovery		105%~150% constant current limiting, auto-recovery	95%~150% constant current limiting, auto-recovery
<b>Over Volt. Protection</b>	115%~135% rated output voltage		125%~150% rated output voltage	
<b>Setup, rise, hold up time</b>	500ms, 30ms, 50ms at full load and 230VAC			
<b>Withstand voltage</b>	I/P-O/P:3KVAC, I/P-FG:1.5KVAC, 1 minute			
<b>Working temp.</b>	-20~50°C@100%, 70°C@50% load	-20~60°C@100%, 70°C@60% load	-20~55°C@100%, 70°C@60% load *	-20~50°C@100%, 70°C@50% load
<b>DC OK signal</b>	Open collector		Relay contact	
<b>Safety standards</b>	UL508; TUV approved			
<b>Connection</b>	I/P:3 poles, O/P 3 poles screw DIN terminal		I/P:3 poles, O/P 6 poles screw DIN terminal	
<b>Dimensions (W*H*D) (mm)</b>	22.5x90x100		40x90x100	
			55x90x100	

**20W Series**

Woertz Part No.	Output	Tol.	R&N	Effi.
45720M/5V	5V, 0~3.0A	+~2%	80mV	76%
45720M/12V	12V, 0~1.67A	+~1%	120mV	80%
45720M/15V	15V, 0~1.34A	+~1%	120mV	81%
45720M/24V	24V, 0~1.0A	+~1%	120mV	84%

**40W Series**

Woertz Part No.	Output	Tol.	R&N	Effi.
45740M/5V	5V, 0~6.0A	+~2%	80mV	76%
45740M/12V	12V, 0~3.33A	+~1%	120mV	86%
45740M/24V	24V, 0~1.70A	+~1%	150mV	88%

**60W Series**

Woertz Part No.	Output	Tol.	R&N	Effi.
45760M/5V	5V, 0~10.0A	+~2%	80mV	78%
45760M/12V	12V, 0~5.0A	+~1%	120mV	86%
45760M/24V	24V, 0~2.5A	+~1%	150mV	88%

**100W Series**

Woertz Part No.	Output	Tol.	R&N	Effi.
457100M/24V	24V, 0~4.0A	+~1%	150mV	88%

working temp: 60W series; 5V only -20~45°C@100%, 70°C@50% load