

## ARS-480M-12 (12V, 40A, 480W)



### FEATURES:

- Low cost, high reliability
- Built-in EMI filter
- Low output ripple&noise
- Protections: Over load/ Short circuit
- Forced air cooling by Built-in DC fan
- Size: 205×114×50mm

### PARAMETERS:

- AC input voltage range 176-264VAC
- Input frequency 47-63Hz
- AC inrush current Cold start, 60A/230VAC
- DC adjustment range  $\pm 10\%$  rated output voltage
- Line regulation(full load)  $\leq 0.5\%$
- Output over load protection 110%-150% shut off, AC recycle to re-start
- Rise, hold up time 50mS, 20mS at full load (typical)
- Withstand voltage I/P-O/P, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC, 1 min
- Working temperature  $-10\sim+40^{\circ}\text{C}$  @ 100%,  $+60^{\circ}\text{C}$  @ 60% load
- Storage temperature  $-20\sim+85^{\circ}\text{C}$ , 20%~95%RH (non condensing)
- Safety standards Design refer to GB4943, UL60950-1, EN60950-1
- EMC standards Design refer to GB9254, EN55022 class A
- Cooling method Forced air cooling by Built-in DC fan

Model	DC output	Load regul.	R&N	Efficiency
ARS-480M-12	12V, 40A	1%	120mV	79%
ARS-480M-24	24V, 20A	1%	200mV	81%