

20 Watt Single Output AC-DC Miniature Encapsulated Type Module



FEATURES

- ◆ No load power consumption < 0.1W
- ◆ Miniature size, high power density
- ◆ Universal AC input / Full range
- ◆ Protection: Short circuit / OLP / OVP
- ◆ Cooling by free air convection
- ◆ Isolation Class II
- ◆ Comply with EN55032 class B w/o any additional components
- ◆ Fully isolated plastic case
- ◆ Withstand 5G vibration test
- ◆ Low cost, high reliability, pass LPS
- ◆ 3 years warranty

SPECIFICATIONS

Input Voltage.....85~ 305VAC;120~ 430VDC
 Overload protection.....115%~160%
 Over voltage protection 115%~135% rated output voltage
 Withstand voltage..... I/P-O/P: 3KVAC
 Operating Temperature.....-30°C to +70°C
 Safety Standard meets UL62368-1 ; CE
 EMC Standard EN55032 Class B, EN61000-3-2,3,
 EN55035, EN61000-6-2, EN61000-4-2, 3, 4, 5, 6, 8, 11
 Dimension (LxWxH) 52.4 x 27.2 x 24.0 mm

Model Number	Output Voltage (VDC)	Output Current (A)	Voltage Tolerance	R & N	EFF. %
FMM020-S03-P	3.3	0~4.5	± 2.5 %	200mV	76
FMM020-S05-P	5.0	0~4.0	± 2.5 %	200mV	79
FMM020-S12-P	12.0	0~1.8	± 2.5 %	200mV	84
FMM020-S15-P	15.0	0~1.4	± 2.5 %	200mV	84
FMM020-S24-P	24.0	0~0.9	± 2.5 %	200mV	85

Remark: P = PCB mounting style

MECHANICAL DRAWING (Unit: mm)

