

TEA2016 240W test report

1.Specifications

Symbol	Value	Conditions
Input		
Vi	90Vrms~264Vrms	AC
fi	47Hz~63Hz	
Pin(no load)	<100mW	@230V/50Hz
Pin(load=250mW)	<450mW	@230V/50Hz
Output		
Vo	12V	
Io	0A~20A	Continuous
Io(max)		with OPP
effi.	>89%	average according to CoC

2.Efficiency (on PCB board output)

Condition	Enger star 2.0 requirement(%)	Efficiency (%)				
		Average	25%load	50%load	75%load	100%load
100V, 60Hz	>87	90.7	89.6	91.8	91.2	90.4
230V, 50Hz	>87	92.4	91.0	93.1	93.1	92.6

3.No load & standby power consumption

Condition	Enger star 2.0 requirement(mW)	Output voltage (V)	No load power consumption (mW)
115V, 60Hz	<500mW	12.3	60
230V, 50Hz	<500mW	12.3	70

4.Standby power consumption

Condition	Output power (mW)	Output voltage (V)	Pin power consumption (mW)
115V, 60Hz	250mW	12.3	435
230V, 50Hz	250mW	12.3	435