

1. Environment

Project	Unit	Min	Typical values	Maximum	Test Conditions
Operating Temperature	°C	-20		60	
Relative humidity	% RH	40		90	No cooling

2 Technical Requirements

2.1 Input characteristics

Project	Unit	Min	Typical values	Maximum	Test Conditions
Input Voltage Range	V ac	85	110/220	265	Under full load condition
Input Voltage Range	V dc	100	150/300	370	
Input Current	A	0.0273 (AC110V) 0.014 (AC220V)			Under full load condition
Input surge current	A	20			Under full load condition

2.2 Output characteristics

2.2.1 Output adjustment rate characteristics

The output voltage	Minimum current	Maximum current	Peak current	Output Voltage Range	Ripple
+ 5V	0A	700mA	800mA	4.80 ~ 5.2V	60mV

2.2.2 Other output characteristics

Project	Unit	Min	Typical values	Maximum	Test Conditions
Output Power	W	0	3.5	4	DC output power
Output efficiency	%		80		Rated load
Switch overshoot	%			10	
Output rise time	mS			100	

2.3 Protection

Project	Unit	There are /No	Min	Typical values	Maximum	Recovery characteristics
Output overvoltage	V		4.8		5.2	Lock, after re-starting recovery
Output over power Rate protection		There is				Lock, after re-starting recovery
Short circuit protection		There is				Automatic recovery after failure to lift
Temperature Protection		There is				Lock, after re-starting recovery
Overcurrent		There is				Lock, after re-starting recovery

3 Dimensions

Volume: $2.9 * 2 * 1.8$ (CM Approx)

4 Size installation location (Unit MM)

