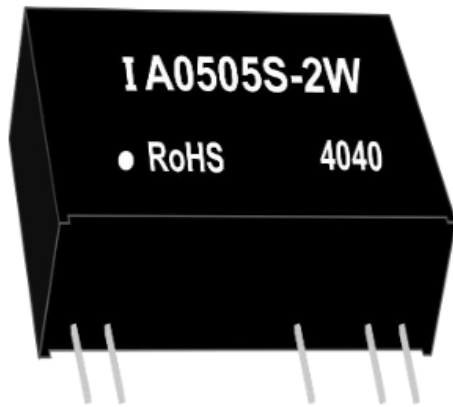




Constant voltage input non  
regulated dual output



RoHS

### Key features

- Well temperature characteristics
- Isolation voltage:3000VDC
- Small S/DIP package
- International standard PIN
- Internal SMT design
- Meet RoHS certification requirements

### Electrical specifications

Model	Input voltage range(V)	Output voltage/current	Min Output current(mA)	MAX capacitive load(uF)	Efficiency (%)
IA0505S-2W	4.75 ~ 5.25	±5VDC/±200mA	±20	10	65
IA0512S-2W	4.75 ~ 5.25	±12VDC/±83mA	±9	4.7	63
IA0515S-2W	4.75 ~ 5.25	±15VDC/±67mA	±7	2.2	67
IA0524S-2W	4.75 ~ 5.25	±24VDC/±42mA	±4	1	66
IA1205S-2W	11.4 ~ 12.6	±5VDC/±200mA	±20	10	65
IA1212S-2W	11.4 ~ 12.6	±12VDC/±83mA	±9	4.7	64
IA1215S-2W	11.4 ~ 12.6	±15VDC/±67mA	±7	2.2	65
IA1224S-2W	11.4 ~ 12.6	±24VDC/±42mA	±4	1	66
IA1505S-2W	14.3 ~ 15.7	±5VDC/±200mA	±20	10	67
IA1512S-2W	14.3 ~ 15.7	±12VDC/±83mA	±9mA	4.7μF	63
IA1515S-2W	14.3 ~ 15.7	±15VDC/±67mA	±7mA	2.2μF	68
IA1524S-2W	14.3 ~ 15.7	±24VDC/±42mA	±4mA	1μF	68
IA2405S-2W	22.8 ~ 25.2	±5VDC/±200mA	±20mA	10μF	64
IA2412S-2W	22.8 ~ 25.2	±12VDC/±83mA	±9mA	4.7μF	66
IA2415S-2W	22.8 ~ 25.2	±15VDC/±67mA	±7mA	2.2μF	63
IA2424S-2W	22.8 ~ 25.2	±24VDC/±42mA	±4mA	1μF	63

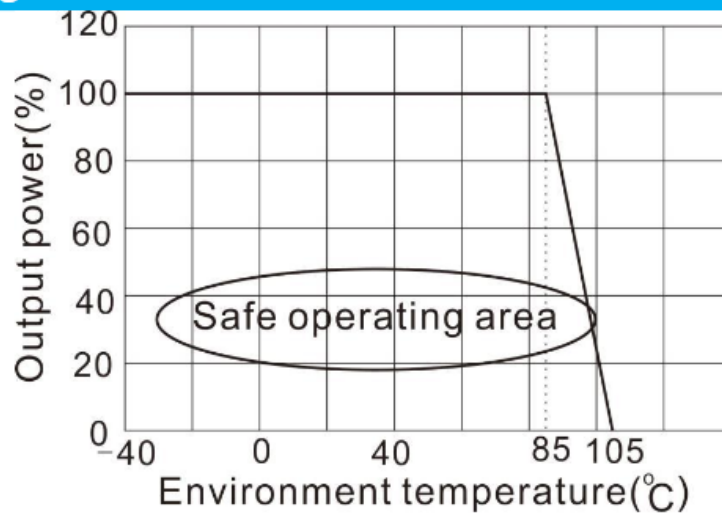
### Normal characteristics

Output voltage accuracy)(Nominal input -2 (MIN) ,+2(MAX)



voltage,100%load	
Load regulation	±1(MAX)
Output voltage regulation	±5 (MAX)
Ripple and noise(20MHz of bandwidth,Nominal input voltage,100%load)	30 mV(TYP) 50mV(MAX)
Switching frequency	100KHz(TYP)
Temperature coefficient(Nominal input voltage,100%load, -40°C ~ +85°C)	±0.03%/°C(MAX)
Storage humidity	95%(MAX)
Environment temperature	-40°C ~ 85°C
Storage temperature	-55°C ~ 125°C
Shell temperature in working	35°C (TYP)
Isolation characteristics(Test time: 1Min, leakage current<0.5mA)	3000VDC
Cooling method	Natural cooling
Mean Time Between Failures (TA=25°C)	one million hours (MIN)
Isolation resistance (Isolation voltage:500VDC)	1000MΩ(MIN)
Shell material	(UL94-V0)(Flame retardant and heat resistant plastic)

## Output derating



## Method of testing Ripple and Noise