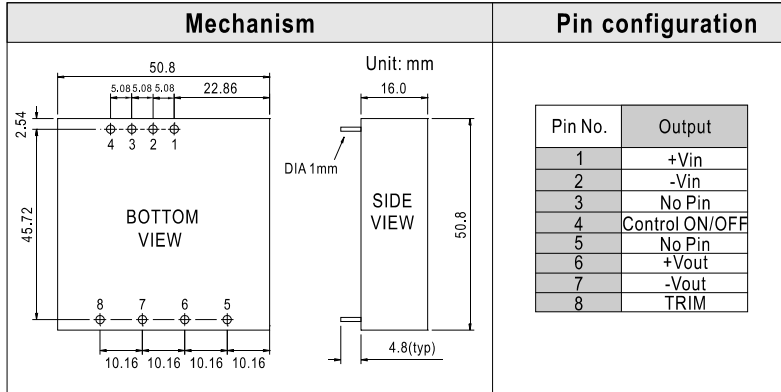


30W DC-DC Regulated Single Output



2"x 2"x 0.63"

- 2:1 wide input range
- 1000VDC I/O isolation
- Built-in remote ON/OFF control
- Trimming output ($\pm 10\%$)
- Protections: Short circuit / Over load / Over voltage
- Cooling by free air convection
- Compact size, high efficiency
- 100% full load burn-in test
- Low cost, high reliability
- 1 year warranty



- Voltage set point accuracy $\pm 2\%$ (max.)($\pm 3\%$ for 3.3VDC models)
- Line regulation $\pm 1\%$ (max.)
- Load regulation $\pm 1\%$ (10%~full load)
- Overload protection Over 105% power limiting, auto-recovery
- Over voltage protection 115~150% rated output voltage
- Efficiency (typical) 80% for 12V input
83% for 24V input
85% for 48V input
- I/O isolation voltage 1000VDC(min.)
- I/O isolation resistance $100M\Omega$ (min.) @500VDC
- Working temperature -25°C to $+85^{\circ}\text{C}$ (refer to output derating curve)
- Storage temperature -25°C to 85°C
- Safety / EMI Design refer to UL1950, TUV EN60950 and EN55022 class B, FCC part 15 J
- EMI / RFI Six-sided shield metal case
- Packing 0.1kg ; 150pcs / 15.8kg / 0.97CUFT

Stock No.	Model No.	Input (VDC)	Output (VDC)	Current (A)	Ripple p-p(mV)
30171	SDM30-12S3	9~18	3.3	5.0	75
30172	SDM30-12S5	9~18	5	5.0	75
30173	SDM30-12S12	9~18	12	2.1	100
30174	SDM30-12S15	9~18	15	1.7	100
30175	SDM30-24S3	18~36	3.3	5.0	75
30176	SDM30-24S5	18~36	5	5.0	75
30177	SDM30-24S12	18~36	12	2.5	100
30178	SDM30-24S15	18~36	15	2.0	100
30179	SDM30-48S3	36~72	3.3	5.0	75
30180	SDM30-48S5	36~72	5	5.0	75
30181	SDM30-48S12	36~72	12	2.5	100
30182	SDM30-48S15	36~72	15	2.0	100