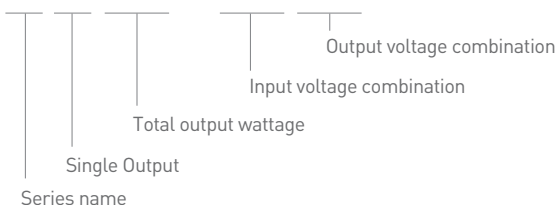


ORDERING INFORMATION

DS50-1205



- Small size
- DC input voltage
- Over current protection
- Over voltage protection
- Input Polarity protection
- 2 years Warranty



DS50-S SPECIFICATIONS

	MODEL	DS50-01205	DS50-01212	DS50-01215	DS50-01224	DS50-02405	DS50-02412	DS50-02415	DS50-02424
INPUT	VOLTAGE	DC12V (9 ~ 18V) / 8.0A				DC24V (19 ~ 36V) / 3.8A			
	VOLTAGE [V]	5	12	15	24	5	12	15	24
OUTPUT	CURRENT [A]	10	4.2	3.4	2.5	10	4.2	3.4	2.5
	REGULATION, LINE [mV]	25 Max	60 Max	75 Max	120 Max	25 Max	60 Max	75 Max	120 Max
	REGULATION, LOAD [mV]	50 Max	120 Max	150 Max	240 Max	50 Max	120 Max	150 Max	240 Max
	RIPPLE [mVp-p]	50 Max	120 Max	150 Max	240 Max	50 Max	120 Max	150 Max	240 Max
	RIPPLE, NOISE [mVp-p]	100 Max	170 Max	200 Max	290 Max	100 Max	170 Max	200 Max	290 Max
	TEMPERATURE DRIFT -10~+50°C [mV]	75 Max	180 Max	225 Max	360 Max	75 Max	180 Max	225 Max	360 Max
	RISE TIME [ms]	500 Max (DC IN 9V, $I_o=100\%$)				500 Max (DC IN 19V, $I_o=100\%$)			
	HOLDING TIME [ms]	10 typ (DC IN 9V, $I_o=100\%$)				10 typ (DC IN 19V, $I_o=100\%$)			
PROTECTION CIRCUIT	OVER CURRENT PROTECTION	Works at over 110% of rating and recovers automatically							
	OVER VOLTAGE PROTECTION	Works at 115 ~ 140% of rating							
ELECTRICALLY ISOLATED	INPUT-OUTPUT	AC 1,500V 1 minute current 20mA, DC 500V 100MΩ (At room temperature & Humidity)							
	INPUT-CASE, FG	AC 1,500V 1 minute current 20mA, DC 500V 100MΩ (At room temperature & Humidity)							
	OUTPUT-CASE, FG	AC 500V 1 minute current 100mA, DC 500V 100MΩ (At room temperature & Humidity)							
ENVIRONMENT	OPERATING TEMP AND HUMID	-10 ~ +50°C, 20 ~ 90% RH(Non Condensing)							
	STORAGE TEMP AND HUMID	-20 ~ +75°C, 20 ~ 90% RH(Non Condensing)							
	VIBRATION	10 ~ 55Hz at 1G, 3 minutes period, 30 minutes along X, Y and Z axis							
	IMPACT	10G for 20ms once on each X, Y and Z axis							
SAFETY	SAFETY REGULATION	-							
	LINE CONDUCTED RF VOLTAGE	-							