

ORDERING INFORMATION

PDC1R5-051212

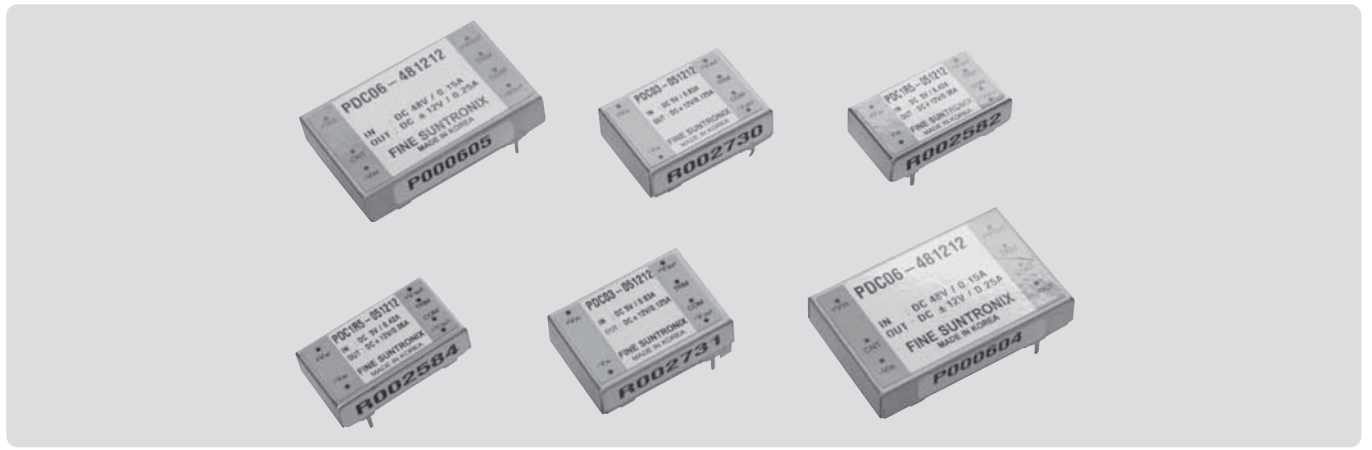
Series name

Total output wattage

Input voltage combination

Output voltage combination

- Compact DC-DC Module
- Isolated output
- Over current protection
- Adjustable output voltage
- Remote ON/OFF control (6W type)
- 3 years warranty



PDC1R5-S SPECIFICATIONS

MODEL		PDC1R5-051212		PDC1R5-051515*		PDC1R5-121212		PDC1R5-121515*		PDC1R5-241212		PDC1R5-241515*		PDC1R5-481212		PDC1R5-481515*	
INPUT	VOLTAGE	DC 5V (4.5 ~ 9V)				DC 12V (9 ~ 18V)				DC 24V (18 ~ 36V)				DC 48V (36 ~ 72V)			
	EFFICIENCY	69%		69%		73%		73%		75%		75%		75%		75%	
OUTPUT	VOLTAGE [V]	+12	-12	+15	-15	+12	-12	+15	-15	+12	-12	+15	-15	+12	-12	+15	-15
	CURRENT [mA]	6	6	5	5	6	6	5	5	6	6	5	5	6	6	5	5
	REGULATION, LINE [mV]	40 Max	40 Max	40 Max	40 Max	40 Max	40 Max	40 Max	40 Max	40 Max	40 Max	40 Max	40 Max	40 Max	40 Max	40 Max	40 Max
	REGULATION, LOAD [mV]	600 Max	600 Max	600 Max	600 Max	600 Max	600 Max	600 Max	600 Max	600 Max	600 Max	600 Max	600 Max	600 Max	600 Max	600 Max	600 Max
	RIPPLE [mVp-p]	120 Max	120 Max	120 Max	120 Max	120 Max	120 Max	120 Max	120 Max	120 Max	120 Max	120 Max	120 Max	120 Max	120 Max	120 Max	120 Max
	RIPPLE, NOISE [mVp-p]	120 Max	120 Max	120 Max	120 Max	120 Max	120 Max	120 Max	120 Max	120 Max	120 Max	120 Max	120 Max	120 Max	120 Max	120 Max	120 Max
	TEMPERATURE DRIFT -10~+50°C [mV]	150 Max	150 Max	150 Max	150 Max	150 Max	150 Max	150 Max	150 Max	150 Max	150 Max	150 Max	150 Max	150 Max	150 Max	150 Max	150 Max
	OUTPUT VOLTAGE SETTING [%]	±5% Max (Output voltage is adjustable by the external potentiometer)															
PROTECTION CIRCUIT	OVER CURRENT PROTECTION	Works at over 110% of rating and recovers automatically															
ELECTRICALLY ISOLATED	INPUT-OUTPUT	AC 500V 1 minute, current 20mA, DC500V More Than 50MΩ															
	INPUT-CASE	AC 500V 1 minute, current 20mA, DC500V More Than 50MΩ															
	OUTPUT-CASE	AC 500V 1 minute, current 20mA, DC500V More Than 50MΩ															
ENVIRONMENT	OPERATING TEMP AND HUMID	-20 ~ +70°C, 20 ~ 95%RH (Non Condensing)															
	STORAGE TEMP AND HUMID	-40 ~ +85°C, 20 ~ 95%RH (Non Condensing)															
	VIBRATION	10 ~ 55Hz at 10G, 3 minutes period for 60 minutes each along X, Y and Z axis															
	IMPACT	10G for 20ms once on each X, Y and Z axis															

* TRM : By connecting TRM terminal to +Vout or -Vout, output voltage can be adjustable as the following range(3.3V : 2.84~3.67V, 5V : 4.3~6V, 12V : 12~15V) [±5%]