



# AOF205H Series

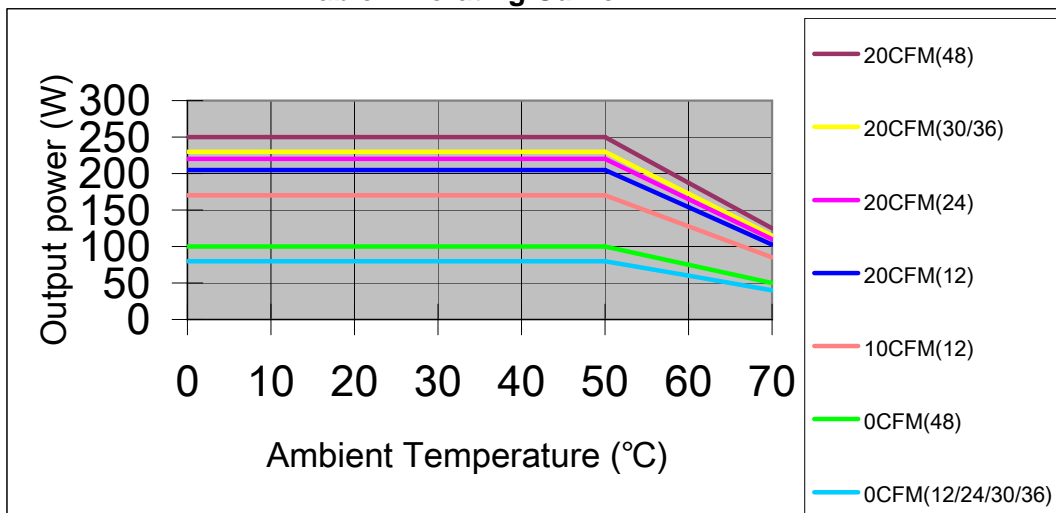
Single Output Power Supply



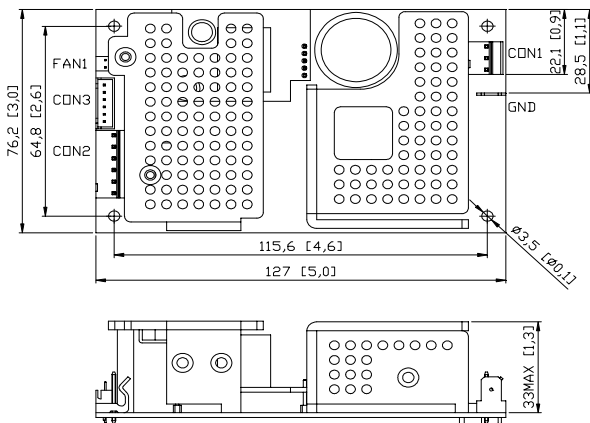
**Table1 AOF205H Series Model Output Specifications (230V)**

MODEL	OUTPUT VOLTAGE	OUTPUT CURRENT Max	OUTPUT POWER Max (W)	%EFF. TYPICAL	RIPPLE & NOISE	LOAD REGULATION	OUTPUT VOLTAGE RANGE
AOF205H-12	+12V	17.00A	205	82	120mV	±2%	±5%
AOF205H-24	+24V	9.16A	220	84	240mv	±2%	±5%
AOF205H-30	+30V	7.67A	230	85	300mv	±2%	±5%
AOF205H-36	+36V	6.39A	230	86	360mv	±2%	±5%
AOF205H-48	+48V	5.20A	250	87	480mv	±2%	±5%

**Table 2 Derating Curve**



## Mechanical Information



Notes:  
 1.The Power Off when the remote On/Off connect to ground  
 2.The Power On when the remote On/Off connect to High signal or open

MOLEX:09-65-2068	
CON2	DC OUTPUT CONNECTOR
PIN 1	+V
PIN 2	+V
PIN 3	+V
PIN 4	RTN
PIN 5	RTN
PIN 6	RTN
FEMALE	Molex 09-50-1061
	Molex 09-52-4064

JST:S 6B-XH-A	
CON3	SIGNAL CONNECTOR
PIN 1	REMOTE ON/OFF
PIN 2	-SENSE
PIN 3	+SENSE
PIN 4	CURRENT SHARE
PIN 5	POWER GOOD
PIN 6	5Vaux
FEMALE	JST XHP-6

MOLEX:09-65-2038	
CON1	AC INPUT CONNECTOR
PIN 1	NEUTRAL
PIN 2	ND PIN
PIN 3	LINE
FEMALE	Molex 09-52-4034
	Molex 09-50-1031

MOLEX:22-04-1021	
FAN1	Fan Power CONNECTOR
PIN 1	+12V
PIN 2	+12V RTN
FEMALE	Molex 22-01-1022
	Molex 51191-0200

KANGYANG:PCRS250-1	
GND	GND TERMINAL
PIN 1	GND
FEMALE	Panduit:DMNF1-63F1B-C
	Panduit:DNFR14-250B-C

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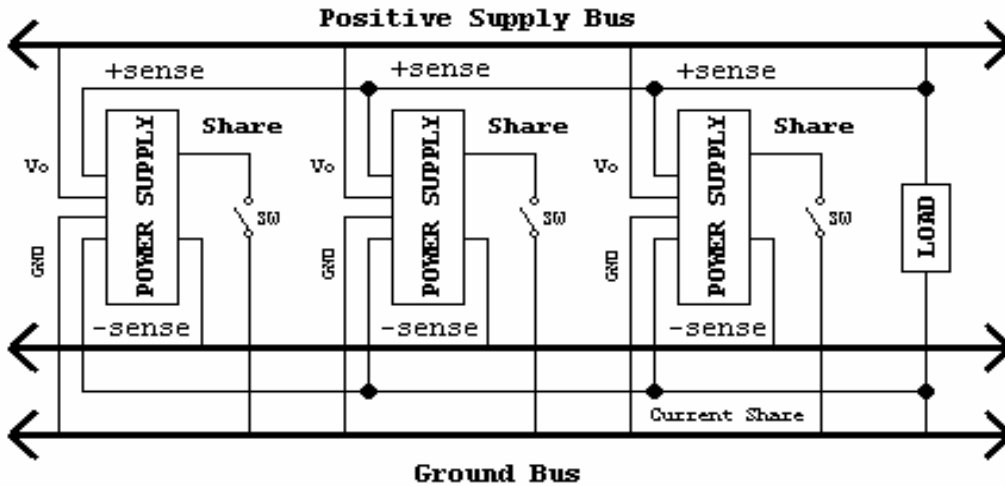
The information and specifications contained in this datasheet are believed to be accurate at time of publication. Specifications are subject to change without notice.

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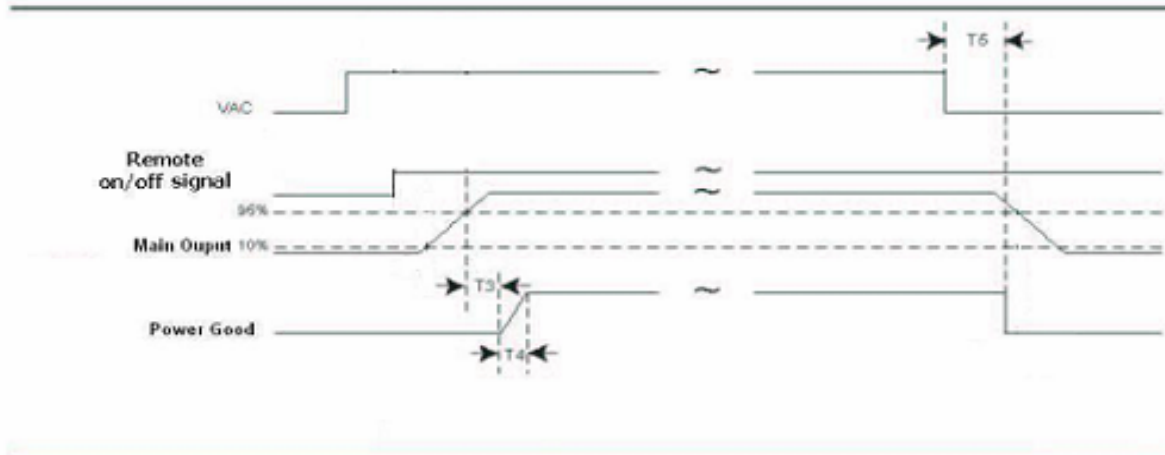
Single Output Power Supply



## 1. Current Share Connection Figure



## 2. Timing/Housekeeping/Control



**Table1 :** Power good Signal Characteristics

Signal Type	+5 V TTL compatible
Logic level low	< 0.4 V while sinking 4 mA
Logic level high	Between 2.4 V and 5 V output while sourcing 200 $\mu$ A
Power Good delay	100 ms < $T_3$ < 500 ms
Power Good rise time	$T_4 \leq 10$ ms
AC loss to power good hold-up time	$T_5 \geq 10$ ms