

W-12VDC-18P/10A

Camera DC Power Supply



Model

W-12VDC-18P/10A

Features

- > Input 110/120 VAC
- > Output 12V DC, 18channels
- > 10 Amp Supply Current
- > Integral Surge Protection
- > Individual LED Power Indication
- > Individual PTC Output Protection
- > Max. Amp: 1.1Amp/ch

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Specifications

Model	W-12VDC-18P/10A	
Specification	120W12V10A18P	
Shape Dimension	24.5x20.8x8.1cm	
Weight	2.10kg	
Input	Input Voltage	110/120VAC
	Input Voltage Frequency	60Hz
	Average Input Current	100Vac \leq 1.6A
	Efficiency	\geq 80%
Output	Output Voltage	12VDC \pm 5%
	Output Current	10A, 18channels for 18 sets load
	Output Ripple Noise (Vp-p)	110mVp-p@25 $^{\circ}$ C/ Rated input voltage & Output rated load
	reply time of starting up	\leq 3S Input 100Vac, Output rated load
Fuse	Type /Rating	PTC 1.1A/60V
Protection	Over voltage protection	When over voltage occurs, it will be switch to self-protection status to protect the load.
	Over current protection	When over current occurs, the corresponding channel output will automatically switch to self-protection status, and the other channels output work normally, when clearing of fault, then switch back to normal.
	short-circuit protection	When short-circuit occurs, individual PTC fuse will break the circuit, when clearing of fault, it switch back to normal automatically.
Circumstances	Working Temperature	0 $^{\circ}$ C \sim +50 $^{\circ}$ C
	Storage temperature	-20 $^{\circ}$ C \sim +80 $^{\circ}$ C
	RH	20% \sim 90%
	Heat release	Natural heat dissipation
Connection	Input	Three-pin socket
	Output	18channels output
Dielectric Strength	Input to output	1500Vac/60S leakage current \leq 1.5ma
	Input to FG	1500Vac/60S leakage current \leq 2.0ma
	FG to output	500Vac/60S leakage current \leq 1.5ma
Insulating strength	Input to output	\geq 20M Ω /500VDC@25 $^{\circ}$ C
Leakage Current	\leq 0.02ma @AC110V/25 $^{\circ}$ C	
RG	\leq 0.012 Ω @DC8V/25A/25 $^{\circ}$ C	
Inspection Equipment	YF9901 Digital Power Meter	MW –MOS-620 20MHz Oscilloscope
	DZ2672A Hi-pot Tester	VC9802A DMM



W-12VDC-18P/10A

	IT815 300W/0-120V Electronic Load	DZ2620 Leak Resistance Tester
	WB2678A RG Tester	

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*Design and specifications are subject to change without notice.