artifax

Power Adapter Cable - USC A+C 45W

Input Characteristics

Model No. : PAS451
Rated Input Voltage : 140-240V $_{AC}$
Input Voltage Range : 110-265V $_{AC}$
Rated Frequency : 50/60Hz Variation Frequency : 47-63Hz
Input Current : 1A Max. @Any input AC voltage & output full load

Output Characteristics

Ports	Voltage	Voltage Range	Rated Load	Output Power	Ripple Voltage
Type-C1	5VDC	4.75-5.40V	3A	15W	<250mVp-p
	9 VDC	8.55-9.45V	2.22A	20W	
	12 VDC	11.4-12.6V	1.67A	20W	
Stretch Cable Type-C2	5VDC	4.75-5.40V	3A	15W	
	9 VDC	8.55-9.45V	2.77A	25W	
	12 VDC	11.4-12.6V	2.08A	25W	
Type-A	5VDC	4.75-5.40V	3A	15W	
	9 VDC	8.55-9.45V	2A	18W	
	12 VDC	11.4-12.6V	1.5A	18W	

Combined Load / Line Regulation

Voltage	Min. Load	Rated Load	Line Regulation	Load Regulation
5-12 V_{DC}	0.1A	1.67-3A	±5%	±5%

Ripple and Noise : Under normal voltage & nominal load, the ripple & noise are as follows when measure with Max. Bandwidth of 20MHz & parallel 22μF electrolysis capacitor & 0.1uF ceramic capacitor crossed connect at testing point
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Turn on Delay Time : 3S Max. @ 115V AC input and output Max. Load
Rise Time : 100mS Max. @ 115V AC input and output Max. Load
Hold Up Time : 8ms Min. @ 115V AC input and output Max. Load
Fall Time : 50mS Max. @ Max. Load
Surge Immunity : 2.5kV L-N
Hi-Pot Test : 2.5kV@ 10mA
Protocol Supports : PD3.0, PPS, QC2.0, QC3.0, SCP, FCP
Output Ports : 2C+1A
No Load Power Losses : <0.3W
Insulation Resistance :100MΩ at 500V DC
Efficiency : Average efficiency 78.7% minimum @ 25%, 50%, 75% & 100% of full-loading & 230VAC input.
Overshoot :10% Max. When power supply @ turns on or turn off.

Environmental Requirement

Operating Temperature : 0°C to 50°C, Full load, Normal Operation
Storage Temperature : -40°C to 85°C