

PHIHONG Switching Power Supplies



PHIHONG PSA15LN 15 WATT SINGLE OUTPUT SERIES

Specifications:
 • AC input voltage: 90-264VAC
 • AC Input Frequency: 47-63Hz
 • Mating Connector
 AC: 538-09-50-7051
 DC: 538-09-50-7021
 Crimp Pin: 538-08-52-0072

Features:
 • Low 1" profile
 • CISPR 22B; FCC B EMI
 • Voltage Adjustment: ±5%



For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Output Voltage	Load		Ripple P-P	Regulation		Price Each		
Mfr.	Mfr. Part No.			Min.	Max.		Line	Load	1	5	25
552	PSA-15LN3-050-R	A	5V	0A	3.0A	50mV	±1%	±2%	19.11	17.38	16.41
552	PSA-15LN3-120-R	A	12V	0A	1.25A	120mV	±1%	±2%	19.11	17.38	16.41
552	PSA-15LN3-240-R	A	24V	0A	0.63A	240mV	±1%	±2%	20.91	18.98	17.97

PHIHONG PSA45 45 WATT UNIVERSAL CLASS B EMI SERIES

Specifications:
 • AC input voltage: 90-264VAC
 • Mating Connector
 AC: 538-09-50-3031
 DC: 538-09-50-3061 (Single)
 538-09-50-3081 (Quad)

Features:
 • Industrial
 • ISO 9001 quality system
 • Zero Minimum loads
 • Surface mount controller



For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Output Voltage	Load		Ripple P-P	Regulation	Price Each		
Mfr.	Mfr. Part No.			Min.	Max.			1	5	25
552	PSA-45-050-R	B	5V	0A	8A	50mV	±2%	32.07	29.15	27.03
552	PSA-45-120-R	B	12V	0A	4A	120mV	±2%	32.07	29.15	27.03
552	PSA-45-240-R	B	24V	0A	2A	240mV	±2%	32.07	29.15	27.03
552	PSA-4531-R	B	5V	0A	4A	50mV	±2%	34.92	31.75	29.42
			12V	0A	1.5A	120mV	±5%			
			12V	0A	1.5A	120mV	±5%			
			-12V	0A	0.5A	120mV	±5%			
552	PSA-4534-R	B	5V	0A	4A	50mV	±2%	33.80	31.20	29.00
			15V	0A	1.2A	150mV	±5%			
			-15V	0A	0.5A	150mV	±5%			
552	PSA-4541-R	B	5V	0A	3A	50mV	±2%	34.75	32.00	29.75
			12V	0A	2A	120mV	±5%			
			-12V	0A	0.5A	120mV	±5%			
			-5V	0A	0.5A	50mV	±5%			

PHIHONG PSA065 65 WATT OPEN-FRAME SINGLE OUTPUT POWER SUPPLY

Specifications:
 • AC input voltage: 90-264VAC
 • AC frequency: 47-63Hz
 • Efficiency: 80% min. @ max load
 • Mating Connector:
 Input: housing 538-09-52-4034
 pins 538-08-50-0106
 Output: housing 538-26-03-4041
 pins 538-08-50-0189

Features:
 • 2x4" Footprint
 • Low profile design fits 1U applications
 • Dimensions: 4.0Lx2.0Wx1.1H in



For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Output Voltage	Load		Ripple P-P	Regulation		Price Each			
Mfr.	Mfr. Part No.			Min.	Conv.		20cfm	Line	Load	1	5	25
552	PSA-065-120-R	C	12V	0A	3.75A	5.42A	120mV	±2%	±2%	26.06	23.94	22.54
552	PSA-065-240-R	C	24V	0A	1.88A	2.71A	240mV	±2%	±2%	24.35	22.37	21.06
552	PSA-065-480-R	C	48V	0A	0.94A	1.36A	480mV	±2%	±2%	24.35	22.37	21.06

PHIHONG PSA075 75 WATT LOW COST SERIES

Specifications:
 • AC input voltage: 90-264VAC
 • AC input frequency: 47-63Hz
 • Mating Connector
 AC: 538-09-50-1031
 DC: 538-09-50-1061

Features:
 • Class B conducted EMI
 • Over voltage & short circuit protection



For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Output Voltage	Load		Ripple P-P	Regulation		Price Each		
Mfr.	Mfr. Part No.			Min.	Max. †		Line	Load	1	5	25
552	PSA-075-050-R	D	5V	0A	11A	100mV	±1%	±3%	30.10	28.98	27.28
552	PSA-075-120-R	D	12V	0A	6.25A	120mV	±1%	±2%	30.10	28.98	27.28
552	PSA-075-240-R	D	24V	0A	3.125A	240mV	±1%	±2%	33.76	31.01	29.19

PHIHONG PSA120 120 WATT SINGLE OUTPUT SERIES

Specifications:
 • AC input voltage: 90-264VAC
 • AC Input Frequency: 47-63Hz
 • Mating Connector
 AC: 538-09-50-1031
 DC: 538-09-50-1081

Features:
 • Low profile fits 1U height requirement
 • Class B conducted EMI
 • Over voltage and short circuit protection



For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Output Voltage	Load		Ripple P-P	Regulation		Price Each		
Mfr.	Mfr. Part No.			Min.	Max. †		Line	Load	1	5	25
552	PSA-120-120-R	E	12V	0A	10A	120mV	±1%	±2%	62.27	59.29	57.46
552	PSA-120-240-R	E	24V	0A	5A	240mV	±1%	±2%	58.19	55.41	53.70

PHIHONG PSA160U 160 WATT LOW COST OPEN FRAME POWER SUPPLY

Specifications:
 • AC Input Range: 90-264VAC
 • AC Input Frequency: 47-63Hz

Features:
 • 2x4 Footprint
 • Class B EMI
 • OCP, OVP and Short Circuit Protection



For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Output Voltage	Load		Ripple P-P	Regulation		Price Each		
Mfr.	Mfr. Part No.			Min.	Max. †		Line	Load	1	5	25
552	PSA160-210-R	F	12V	50mA	13.34A	200mV	±5%	±5%	91.07	81.96	73.77
552	PSA160-212-R	F	24V	50mA	6.67A	270mV	±5%	±5%	91.07	81.96	73.77
552	PSA160-218-R	F	48V	50mA	3.34A	400mV	±5%	±5%	91.07	81.96	73.77
552	PSA160-216-R	F	56V	50mA	2.86A	480mV	±5%	±5%	91.07	81.96	73.77

