



Size: 5in x 3in x 1.5in  
(127mm x 76.30mm x 38.2mm)

**FEATURES**

- Wide Input Range of 90~264VAC
- Single, Dual, Triple, and Quad Outputs
- High Efficiency
- RoHS Compliant
- Short Circuit, Over Voltage, and Over Current Protection
- 100% Burn-In and Hi-Pot Tested
- CEC Compliance
- UL/CUL, CB, CE, & FCC Safety Approvals

**DESCRIPTION**

The PSEPM1200 series of medical AC/DC power supplies offers 100-200 watts of output power in a 5in x 3in x 1.5in open frame package. This series consists of single, dual, triple, and quad output models with a wide input voltage range of 90~264VAC. Features of this series include high efficiency, 100% burn-in and hi-pot testing, and protection against short circuit, over voltage, and over current conditions. This series is RoHS and CEC compliant and has UL/CUL, CB, CE, & FCC safety approvals.

**MODEL SELECTION TABLE**

Single Output Models

Model Number	Main-Power			Total Power	Input Voltage Range	Ripple & Noise	Load Regulation	Efficiency
	Vo1 (V)	Io1 (I)	Wo1 (W)					
PSEPM11000500	5V	20.00A	100W	100W	90~264VAC	2% Max.	±3% Max.	≥85% Depending on Models
PSEPM11100900	9V	12.22A	110W	110W				
PSEPM11350900	9V	15.00A	135W	135W				
PSEPM11251000	10V	12.50A	125W	125W				
PSEPM11501000	10V	15.00A	150W	150W				
PSEPM11251100	11V	11.36A	125W	125W				
PSEPM11651100	11V	15.00A	165W	165W				
PSEPM11501200	12V	12.50A	150W	150W				
PSEPM115012D0	12V	12.50A	150W	150W				
PSEPM11801200	12V	15.00A	180W	180W				
PSEPM11251500	15V	8.33A	125W	125W				
PSEPM11501500	15V	10.00A	150W	150W				
PSEPM11251600	16V	7.81A	125W	125W				
PSEPM11501600	16V	9.37A	150W	150W				
PSEPM11501700	17V	8.23A	150W	150W				
PSEPM11751700	17V	10.00A	175W	175W				
PSEPM11351800	18V	7.50A	135W	135W				
PSEPM11501800	18V	8.33A	150W	150W				
PSEPM11801800	18V	10.00A	180W	180W				
PSEPM11501900	19V	7.89A	150W	150W				
PSEPM11801900	19V	9.47A	180W	180W				
PSEPM12001900	19V	10.52A	200W	200W				
PSEPM11352200	22V	6.13A	135W	135W				
PSEPM11502200	22V	6.81A	150W	150W				
PSEPM11802200	22V	8.18A	180W	180W				
PSEPM11402300	23V	6.08A	140W	140W				
PSEPM11502300	23V	6.52A	150W	150W				
PSEPM11802300	23V	7.82A	180W	180W				
PSEPM11502400	24V	6.25A	150W	150W				
PSEPM11802400	24V	7.50A	180W	180W				
PSEPM12002400	24V	8.33A	200W	200W				
PSEPM11403400	34V	4.11A	140W	140W				
PSEPM11503400	34V	4.41A	150W	150W				
PSEPM11803400	34V	5.29A	180W	180W				
PSEPM11403500	35V	4.00A	140W	140W				
PSEPM11503500	35V	4.28A	150W	150W				
PSEPM11953500	35V	5.57A	195W	195W				
PSEPM11503600	36V	4.16A	150W	150W				
PSEPM11803600	36V	5.00A	180W	180W				
PSEPM12003600	36V	5.56A	200W	200W				
PSEPM11404600	46V	3.04A	140W	140W				
PSEPM11504600	46V	3.26A	150W	150W				
PSEPM11804600	46V	3.91A	180W	180W				
PSEPM11404700	47V	2.97A	140W	140W				
PSEPM11504700	47V	3.19A	150W	150W				
PSEPM11804700	47V	3.83A	180W	180W				

**MODEL SELECTION TABLE**  
 Single Output Models (Cont.)

Model Number	Main-Power			Total Power	Input Voltage Range	Ripple & Noise	Load Regulation	Efficiency
	Vo1 (V)	Io1 (I)	Wo1 (W)					
PSEPM11504800	48V	3.12A	150W	150W	90~264VAC	2% Max.	±3% Max.	≥85% Depending on Models
PSEPM11804800	48V	3.75A	180W	180W				
PSEPM12004800	48V	4.16A	200W	200W				
PSEPM11405400	54V	2.59A	140W	140W				
PSEPM11505400	54V	2.77A	150W	150W				
PSEPM11805400	54V	3.33A	180W	180W				
PSEPM11455500	55V	2.63A	145W	145W				
PSEPM11505500	55V	2.72A	150W	150W				
PSEPM11805500	55V	3.27A	180W	180W				
PSEPM11505600	56V	2.67A	150W	150W				
PSEPM11805600	56V	3.21A	180W	180W				
PSEPM12005600	56V	3.57A	200W	200W				

**MODEL SELECTION TABLE**  
 Dual Output Models

Model Number	Main-Power			Standby Power			-12V Power			DC to DC Power			Total Power	Input Voltage Range	Ripple & Noise	Load Regulation	Efficiency
	Vo1 (V)	Io1(I)	Wo1 (W)	Vo2 (V)	Io2(I)	Wo2 (W)	Vo3 (V)	Io3(I)	Wo3 (W)	Vo4 (V)	Io4(I)	Wo4 (W)					
PSEPM210005A0	5V	18.00A	90W	5V	2A	10W	-	-	-	-	-	-	100W	90~264 VAC	2% Max.	Main Power: ±3% Max. Standby or -12V Power: ±3 or 10% Max.	≥85% Depending on Models
PSEPM211509A0	9V	11.67A	115W	5V	2A	10W	-	-	-	-	-	-	125W				
PSEPM213809A0	9V	14.17A	128W	5V	2A	10W	-	-	-	-	-	-	138W				
PSEPM212610A0	10V	11.60A	126W	5V	2A	10W	-	-	-	-	-	-	136W				
PSEPM215210A0	10V	14.17A	142W	5V	2A	10W	-	-	-	-	-	-	152W				
PSEPM213811A0	11V	11.63A	128W	5V	2A	10W	-	-	-	-	-	-	138W				
PSEPM216611A0	11V	14.17A	156W	5V	2A	10W	-	-	-	-	-	-	166W				
PSEPM215012A0	12V	11.67A	140W	5V	2A	10W	-	-	-	-	-	-	150W				
PSEPM218012A0	12V	14.16A	170W	5V	2A	10W	-	-	-	-	-	-	180W				
PSEPM212015A0	15V	7.33A	110W	5V	2A	10W	-	-	-	-	-	-	120W				
PSEPM214415A0	15V	8.95A	134W	5V	2A	10W	-	-	-	-	-	-	144W				
PSEPM212716A0	16V	7.31A	117W	5V	2A	10W	-	-	-	-	-	-	127W				
PSEPM215316A0	16V	8.95A	143W	5V	2A	10W	-	-	-	-	-	-	153W				
PSEPM213517A0	17V	7.35A	125W	5V	2A	10W	-	-	-	-	-	-	135W				
PSEPM216317A0	17V	8.95A	152W	5V	2A	10W	-	-	-	-	-	-	162W				
PSEPM214218A0	18V	7.33A	132W	5V	2A	10W	-	-	-	-	-	-	142W				
PSEPM217118A0	18V	8.95A	161W	5V	2A	10W	-	-	-	-	-	-	171W				
PSEPM215019A0	19V	7.36A	140W	5V	2A	10W	-	-	-	-	-	-	150W				
PSEPM218019A0	19V	8.94A	170W	5V	2A	10W	-	-	-	-	-	-	180W				
PSEPM213822A0	22V	5.81A	128W	5V	2A	10W	-	-	-	-	-	-	138W				
PSEPM216622A0	22V	7.08A	156W	5V	2A	10W	-	-	-	-	-	-	166W				
PSEPM214423A0	23V	5.82A	134W	5V	2A	10W	-	-	-	-	-	-	144W				
PSEPM217323A0	23V	7.08A	163W	5V	2A	10W	-	-	-	-	-	-	173W				
PSEPM215024A0	24V	5.83A	140W	5V	2A	10W	-	-	-	-	-	-	150W				
PSEPM218024A0	24V	7.08A	170W	5V	2A	10W	-	-	-	-	-	-	180W				
PSEPM214234A0	34V	3.88A	132W	5V	2A	10W	-	-	-	-	-	-	142W				
PSEPM217034A0	34V	4.72A	160W	5V	2A	10W	-	-	-	-	-	-	170W				
PSEPM214535A0	35V	3.85A	135W	5V	2A	10W	-	-	-	-	-	-	145W				
PSEPM215036A0	36V	3.88A	140W	5V	2A	10W	-	-	-	-	-	-	150W				
PSEPM218036A0	36V	4.72A	170W	5V	2A	10W	-	-	-	-	-	-	180W				
PSEPM214346A0	46V	2.89A	133W	5V	2A	10W	-	-	-	-	-	-	143W				
PSEPM217346A0	46V	3.54A	163W	5V	2A	10W	-	-	-	-	-	-	173W				
PSEPM214547A0	47V	2.87A	135W	5V	2A	10W	-	-	-	-	-	-	145W				
PSEPM217647A0	47V	3.54A	166W	5V	2A	10W	-	-	-	-	-	-	176W				
PSEPM215048A0	48V	2.91A	140W	5V	2A	10W	-	-	-	-	-	-	150W				
PSEPM218048A0	48V	3.54A	170W	5V	2A	10W	-	-	-	-	-	-	180W				
PSEPM214454A0	54V	2.48A	134W	5V	2A	10W	-	-	-	-	-	-	144W				
PSEPM217454A0	54V	3.04A	164W	5V	2A	10W	-	-	-	-	-	-	174W				
PSEPM214755A0	55V	2.49A	137W	5V	2A	10W	-	-	-	-	-	-	147W				
PSEPM217755A0	55V	3.03A	167W	5V	2A	10W	-	-	-	-	-	-	177W				
PSEPM215056A0	56V	2.50A	140W	5V	2A	10W	-	-	-	-	-	-	150W				
PSEPM218056A0	56V	3.03A	170W	5V	2A	10W	-	-	-	-	-	-	180W				
PSEPM215012B0	12V	12.00A	144W	-	-	-	-12V	0.5A	6W	-	-	-	150W				

**MODEL SELECTION TABLE**

**Dual Output Models (Cont.)**

Model Number	Main-Power			Standby Power			-12V Power			DC to DC Power			Total Power	Input Voltage Range	Ripple & Noise	Load Regulation	Efficiency
	Vo1 (V)	Io1(I)	Wo1 (W)	Vo2 (V)	Io2(I)	Wo2 (W)	Vo3 (V)	Io3(I)	Wo3 (W)	Vo4 (V)	Io4(I)	Wo4 (W)					
PSEPM218012B0	12V	14.50A	174W	-	-	-	-12V	0.5A	6W	-	-	-	180W	90~264 VAC	2% Max.	Main Power/DC-DC Power: ±3% Max. Standby or -12V Power: ±3 or 10% Max.	≥85% Depending on Models
PSEPM215019B0	19V	7.57A	144W	-	-	-	-12V	0.5A	6W	-	-	-	150W				
PSEPM218019B0	19V	9.15A	174W	-	-	-	-12V	0.5A	6W	-	-	-	180W				
PSEPM215024B0	24V	6.00A	144W	-	-	-	-12V	0.5A	6W	-	-	-	150W				
PSEPM218024B0	24V	7.25A	174W	-	-	-	-12V	0.5A	6W	-	-	-	180W				
PSEPM218024DB	24V	6.00A	144W	-	-	-	-	-	-	12V	3A	36W	180W				
PSEPM215036B0	36V	4.00A	144W	-	-	-	-12V	0.5A	6W	-	-	-	150W				
PSEPM218036B0	36V	4.83A	174W	-	-	-	-12V	0.5A	6W	-	-	-	180W				
PSEPM215048B0	48V	3.00A	144W	-	-	-	-12V	0.5A	6W	-	-	-	150W				
PSEPM218048B0	48V	3.62A	174W	-	-	-	-12V	0.5A	6W	-	-	-	180W				
PSEPM215056B0	56V	2.57A	144W	-	-	-	-12V	0.5A	6W	-	-	-	150W				
PSEPM218056B0	56V	3.10A	174W	-	-	-	-12V	0.5A	6W	-	-	-	180W				

**MODEL SELECTION TABLE**

**Triple Output Models**

Model Number	Main-Power			Standby Power			-12V Power			DC to DC Power			Total Power	Input Voltage Range	Ripple & Noise	Load Regulation	Efficiency
	Vo1 (V)	Io1(I)	Wo1 (W)	Vo2 (V)	Io2(I)	Wo2 (W)	Vo3 (V)	Io3(I)	Wo3 (W)	Vo4 (V)	Io4(I)	Wo4 (W)					
PSEPM313010AA	10V	9.50A	95W	5V	2A	10W	-	-	-	5V	5A	25W	130W	90~264 VAC	2% Max.	Main Power: ±3% Max. Stand-By Power: ±3% Max. DC-DC or -12V Power: ±3% or 10% Max.	≥85% Depending on Models
PSEPM315010AA	10V	11.50A	115W	5V	2A	10W	-	-	-	5V	5A	25W	150W				
PSEPM315011AA	11V	9.54A	105W	5V	2A	10W	-	-	-	5V	5A	25W	140W				
PSEPM315011AA	11V	10.45A	115W	5V	2A	10W	-	-	-	5V	5A	25W	150W				
PSEPM315012AA	12V	9.58A	115W	5V	2A	10W	-	-	-	5V	5A	25W	150W				
PSEPM317512AA	12V	11.66A	140W	5V	2A	10W	-	-	-	5V	5A	25W	175W				
PSEPM312215AA	15V	5.80A	87W	5V	2A	10W	-	-	-	5V	5A	25W	122W				
PSEPM314615AA	15V	7.40A	111W	5V	2A	10W	-	-	-	5V	5A	25W	146W				
PSEPM312816AA	16V	5.81A	93W	5V	2A	10W	-	-	-	5V	5A	25W	128W				
PSEPM315316AA	16V	7.37A	118W	5V	2A	10W	-	-	-	5V	5A	25W	153W				
PSEPM313517AA	17V	5.88A	100W	5V	2A	10W	-	-	-	5V	5A	25W	135W				
PSEPM316017AA	17V	7.37A	125W	5V	2A	10W	-	-	-	5V	5A	25W	160W				
PSEPM314218AA	18V	5.94A	107W	5V	2A	10W	-	-	-	5V	5A	25W	142W				
PSEPM316818AA	18V	7.38A	133W	5V	2A	10W	-	-	-	5V	5A	25W	168W				
PSEPM314518AB	18V	4.16A	75W	5V	2A	10W	-	-	-	12V	5A	60W	145W				
PSEPM316818AB	18V	5.44A	98W	5V	2A	10W	-	-	-	12V	5A	60W	168W				
PSEPM315019AA	19V	6.05A	115W	5V	2A	10W	-	-	-	5V	5A	25W	150W				
PSEPM317519AA	19V	7.36A	140W	5V	2A	10W	-	-	-	5V	5A	25W	175W				
PSEPM315019AB	19V	4.21A	80W	5V	2A	10W	-	-	-	12V	5A	60W	150W				
PSEPM317519AB	19V	5.52A	105W	5V	2A	10W	-	-	-	12V	5A	60W	175W				
PSEPM314022AA	22V	4.77A	105W	5V	2A	10W	-	-	-	5V	5A	25W	140W				
PSEPM315022AA	22V	5.22A	115W	5V	2A	10W	-	-	-	5V	5A	25W	150W				
PSEPM314122AB	22V	3.22A	71W	5V	2A	10W	-	-	-	12V	5A	60W	141W				
PSEPM316522AB	22V	4.31A	95W	5V	2A	10W	-	-	-	12V	5A	60W	165W				
PSEPM314523AA	23V	4.78A	110W	5V	2A	10W	-	-	-	5V	5A	25W	145W				
PSEPM316823AA	23V	5.78A	133W	5V	2A	10W	-	-	-	5V	5A	25W	168W				
PSEPM314523AB	23V	3.26A	75W	5V	2A	10W	-	-	-	12V	5A	60W	145W				
PSEPM317023AB	23V	4.34A	100W	5V	2A	10W	-	-	-	12V	5A	60W	170W				
PSEPM315024AA	24V	4.79A	115W	5V	2A	10W	-	-	-	5V	5A	25W	150W				
PSEPM317524AA	24V	5.83A	140W	5V	2A	10W	-	-	-	5V	5A	25W	175W				
PSEPM315024AB	24V	3.33A	80W	5V	2A	10W	-	-	-	12V	5A	60W	150W				
PSEPM317524AB	24V	4.37A	105W	5V	2A	10W	-	-	-	12V	5A	60W	175W				
PSEPM312510C0	10V	10.90A	109W	5V	2A	10W	-12V	0.5A	6W	-	-	-	125W				
PSEPM314910C0	10V	13.30A	133W	5V	2A	10W	-12V	0.5A	6W	-	-	-	149W				
PSEPM313511C0	11V	10.81A	119W	5V	2A	10W	-12V	0.5A	6W	-	-	-	135W				
PSEPM316211C0	11V	13.27A	146W	5V	2A	10W	-12V	0.5A	6W	-	-	-	162W				
PSEPM315012C0	12V	11.16A	134W	5V	2A	10W	-12V	0.5A	6W	-	-	-	150W				
PSEPM317512C0	12V	13.25A	159W	5V	2A	10W	-12V	0.5A	6W	-	-	-	175W				
PSEPM312015C0	15V	6.93A	104W	5V	2A	10W	-12V	0.5A	6W	-	-	-	120W				
PSEPM314215C0	15V	8.40A	126W	5V	2A	10W	-12V	0.5A	6W	-	-	-	142W				
PSEPM312516C0	16V	6.81A	109W	5V	2A	10W	-12V	0.5A	6W	-	-	-	125W				

**MODEL SELECTION TABLE**  
Triple Output Models (Cont.)

Model Number	Main-Power		Standby Power			-12V Power			DC to DC Power			Total Power	Input Voltage Range	Ripple & Noise	Load Regulation	Efficiency	
	Vo1 (V)	Io1(I)	Wo1 (W)	Vo2 (V)	Io2(I)	Wo2 (W)	Vo3 (V)	Io3(I)	Wo3 (W)	Vo4 (V)	Io4(I)						Wo4 (W)
PSEPM315016C0	16V	8.37A	134W	5V	2A	10W	-12V	0.5A	6W	-	-	-	150W	90~264 VAC	2% Max.	Main Power: ±3% Max. Stand-By Power: ±3% Max. DC-DC or -12V Power: ±3% or 10% Max.	≥85% Depending on Models
PSEPM313517C0	17V	7.00A	119W	5V	2A	10W	-12V	0.5A	6W	-	-	-	135W				
PSEPM315817C0	17V	8.37A	142W	5V	2A	10W	-12V	0.5A	6W	-	-	-	158W				
PSEPM314218C0	18V	7.00A	126W	5V	2A	10W	-12V	0.5A	6W	-	-	-	142W				
PSEPM316718C0	18V	8.38A	151W	5V	2A	10W	-12V	0.5A	6W	-	-	-	167W				
PSEPM315019C0	19V	7.05A	134W	5V	2A	10W	-12V	0.5A	6W	-	-	-	150W				
PSEPM317519C0	19V	8.36A	159W	5V	2A	10W	-12V	0.5A	6W	-	-	-	175W				
PSEPM313522C0	22V	5.40A	119W	5V	2A	10W	-12V	0.5A	6W	-	-	-	135W				
PSEPM316222C0	22V	6.63A	146W	5V	2A	10W	-12V	0.5A	6W	-	-	-	162W				
PSEPM314023C0	23V	5.39A	124W	5V	2A	10W	-12V	0.5A	6W	-	-	-	140W				
PSEPM316823C0	23V	6.63A	152W	5V	2A	10W	-12V	0.5A	6W	-	-	-	168W				
PSEPM315024C0	24V	5.58A	134W	5V	2A	10W	-12V	0.5A	6W	-	-	-	150W				
PSEPM317524C0	24V	6.62A	159W	5V	2A	10W	-12V	0.5A	6W	-	-	-	175W				
PSEPM314034C0	34V	3.64A	124W	5V	2A	10W	-12V	0.5A	6W	-	-	-	140W				
PSEPM315034C0	34V	3.94A	134W	5V	2A	10W	-12V	0.5A	6W	-	-	-	150W				
PSEPM314035C0	35V	3.54A	124W	5V	2A	10W	-12V	0.5A	6W	-	-	-	140W				
PSEPM315035C0	35V	3.82A	134W	5V	2A	10W	-12V	0.5A	6W	-	-	-	150W				
PSEPM315036C0	36V	3.72A	134W	5V	2A	10W	-12V	0.5A	6W	-	-	-	150W				
PSEPM317536C0	36V	4.41A	159W	5V	2A	10W	-12V	0.5A	6W	-	-	-	175W				
PSEPM314046C0	46V	2.69A	124W	5V	2A	10W	-12V	0.5A	6W	-	-	-	140W				
PSEPM315046C0	46V	2.91A	134W	5V	2A	10W	-12V	0.5A	6W	-	-	-	150W				
PSEPM314047C0	47V	2.63A	124W	5V	2A	10W	-12V	0.5A	6W	-	-	-	140W				
PSEPM315047C0	47V	2.85A	134W	5V	2A	10W	-12V	0.5A	6W	-	-	-	150W				
PSEPM315048C0	48V	2.79A	134W	5V	2A	10W	-12V	0.5A	6W	-	-	-	150W				
PSEPM317548C0	48V	3.54A	170W	5V	2A	10W	-12V	0.5A	6W	-	-	-	175W				
PSEPM314054C0	54V	3.82A	124W	5V	2A	10W	-12V	0.5A	6W	-	-	-	140W				
PSEPM316954C0	54V	3.72A	201W	5V	2A	10W	-12V	0.5A	6W	-	-	-	169W				
PSEPM314555C0	55V	4.41A	129W	5V	2A	10W	-12V	0.5A	6W	-	-	-	145W				
PSEPM317255C0	55V	2.69A	148W	5V	2A	10W	-12V	0.5A	6W	-	-	-	172W				
PSEPM315056C0	56V	2.91A	163W	5V	2A	10W	-12V	0.5A	6W	-	-	-	150W				
PSEPM317556C0	56V	2.63A	147W	5V	2A	10W	-12V	0.5A	6W	-	-	-	175W				

**MODEL SELECTION TABLE**  
Quad Output Models

Model Number	Main-Power		Standby Power			-12V Power			DC to DC Power			Total Power	Input Voltage Range	Ripple & Noise	Load Regulation	Efficiency	
	Vo1 (V)	Io1(I)	Wo1 (W)	Vo2 (V)	Io2(I)	Wo2 (W)	Vo3 (V)	Io3(I)	Wo3 (W)	Vo4 (V)	Io4(I)						Wo4 (W)
PSEPM413010CA	10V	8.90A	89W	5V	2A	10W	-12V	0.5A	6W	5V	5A	25W	130W	90~264 VAC	2% Max.	Main Power: ±3% Max. Stand-By Power: ±3% Max. DC-DC: ±3% -12V Power: ±10% Max.	≥85% Depending on Models
PSEPM415010CA	10V	10.90A	109W	5V	2A	10W	-12V	0.5A	6W	5V	5A	25W	150W				
PSEPM414011CA	11V	9.00A	99W	5V	2A	10W	-12V	0.5A	6W	5V	5A	25W	140W				
PSEPM415011CA	11V	9.90A	109W	5V	2A	10W	-12V	0.5A	6W	5V	5A	25W	150W				
PSEPM415012CA	12V	9.08A	109W	5V	2A	10W	-12V	0.5A	6W	5V	5A	25W	150W				
PSEPM417512CA	12V	11.60A	134W	5V	2A	10W	-12V	0.5A	6W	5V	5A	25W	175W				
PSEPM412715CA	15V	5.73A	86W	5V	2A	10W	-12V	0.5A	6W	5V	5A	25W	127W				
PSEPM414615CA	15V	7.00A	105W	5V	2A	10W	-12V	0.5A	6W	5V	5A	25W	146W				
PSEPM413216CA	16V	5.68A	91W	5V	2A	10W	-12V	0.5A	6W	5V	5A	25W	132W				
PSEPM415316CA	16V	7.00A	112W	5V	2A	10W	-12V	0.5A	6W	5V	5A	25W	153W				
PSEPM415017CA	17V	6.41A	109W	5V	2A	10W	-12V	0.5A	6W	5V	5A	25W	150W				
PSEPM416017CA	17V	7.00A	119W	5V	2A	10W	-12V	0.5A	6W	5V	5A	25W	160W				
PSEPM414418CA	18V	5.72A	103W	5V	2A	10W	-12V	0.5A	6W	5V	5A	25W	144W				
PSEPM416718CA	18V	7.00A	126W	5V	2A	10W	-12V	0.5A	6W	5V	5A	25W	167W				
PSEPM414618CA	18V	3.88A	70W	5V	2A	10W	-12V	0.5A	6W	12V	5A	60W	146W				
PSEPM416818CA	18V	5.11A	92W	5V	2A	10W	-12V	0.5A	6W	12V	5A	60W	168W				
PSEPM415019CA	19V	5.73A	109W	5V	2A	10W	-12V	0.5A	6W	5V	5A	25W	150W				
PSEPM417519CA	19V	7.05A	134W	5V	2A	10W	-12V	0.5A	6W	5V	5A	25W	175W				
PSEPM415019CB	19V	4.36A	74W	5V	2A	10W	-12V	0.5A	6W	12V	5A	60W	150W				
PSEPM417519CB	19V	5.21A	99W	5V	2A	10W	-12V	0.5A	6W	12V	5A	60W	175W				
PSEPM414022CA	22V	4.50A	99W	5V	2A	10W	-12V	0.5A	6W	5V	5A	25W	140W				
PSEPM416222CA	22V	5.50A	121W	5V	2A	10W	-12V	0.5A	6W	5V	5A	25W	162W				

**MODEL SELECTION TABLE**  
 Quad Output Models (Cont.)

Model Number	Main-Power		Standby Power			-12V Power			DC to DC Power			Total Power	Input Voltage Range	Ripple & Noise	Load Regulation	Efficiency	
	Vo1 (V)	Io1(I)	Wo1 (W)	Vo2 (V)	Io2(I)	Wo2 (W)	Vo3 (V)	Io3(I)	Wo3 (W)	Vo4 (V)	Io4(I)						Wo4 (W)
PSEPM414322CA	22V	3.04A	67W	5V	2A	10W	-12V	0.5A	6W	12V	5A	60W	143W	90~264 VAC	2% Max.	Main Power: ±3% Max. Stand-By Power: ±3% Max. DC-DC: ±3% -12V Power: ±10% Max.	≥85% Depending on Models
PSEPM416622CA	22V	4.09A	90W	5V	2A	10W	-12V	0.5A	6W	12V	5A	60W	166W				
PSEPM414523CA	23V	4.52A	104W	5V	2A	10W	-12V	0.5A	6W	5V	5A	25W	145W				
PSEPM416823CA	23V	5.52A	127W	5V	2A	10W	-12V	0.5A	6W	5V	5A	25W	168W				
PSEPM414523CA	23V	3.00A	69W	5V	2A	10W	-12V	0.5A	6W	12V	5A	60W	145W				
PSEPM417123CA	23V	4.13A	95W	5V	2A	10W	-12V	0.5A	6W	12V	5A	60W	171W				
PSEPM415024CA	24V	4.54A	109W	5V	2A	10W	-12V	0.5A	6W	5V	5A	25W	150W				
PSEPM417524CA	24V	5.58A	134W	5V	2A	10W	-12V	0.5A	6W	5V	5A	25W	175W				
PSEPM415024CB	24V	3.08A	74W	5V	2A	10W	-12V	0.5A	6W	12V	5A	60W	150W				
PSEPM417524CB	24V	4.12A	99W	5V	2A	10W	-12V	0.5A	6W	12V	5A	60W	175W				

**SPECIFICATIONS**

All specifications are based on 25°C, Nominal Input Voltage, and Maximum Output Current unless otherwise noted.  
 We reserve the right to change specifications based on technological advances.

SPECIFICATION	TEST CONDITIONS	Min	Typ	Max	Unit
<b>INPUT SPECIFICATIONS</b>					
Input Voltage Range		90		264	VAC
Input Current			≤3.0		A
Inrush Current	@220VAC, Cold Start, @25°C		≤120		A
<b>OUTPUT SPECIFICATIONS</b>					
Output Voltage		See Tables			
Line Regulation	Defined by changing ±10% of input voltage from nominal line at rated load				
Load Regulation		See Tables			
Output Power		See Tables			
Output Current		See Tables			
Ripple & Noise <sup>(1)</sup>				2	%
Turn On Time			≤3		S
<b>PROTECTION</b>					
Short Circuit Protection		Latch Off or Automatic Recovery			
Over Current Protection		Latch Off or Automatic Recovery			
Over Voltage Protection		Latch Off or Automatic Recovery			
<b>ENVIRONMENTAL SPECIFICATIONS</b>					
Operating Temperature		0		50	°C
Storage Temperature		-20		85	°C
Storage Humidity		5		95	%
MTBF		50,000			Hours
<b>GENERAL SPECIFICATIONS</b>					
Efficiency		≥85% depends on models Meet CEC Level V			
<b>PHYSICAL SPECIFICATIONS</b>					
Weight		15.87oz (450g)			
Dimensions (L x W x H)		5in x 3in x 1.5in (127mm x 76.3mm x 38.2mm)			
AC Input Connector		CON1: JST/B5P-VH Series or Equivalent CON2: JST/B13P-VH Series or Equivalent CON3: Goldenconn/BB2009W4HT Series or Equivalent			
DC Output Connector					
<b>SAFETY CHARACTERISTICS</b>					
Safety Approvals		UL/CUL <sup>(3)</sup> , CB, CE, FCC			
Compliance		CEC RoHS			
		Class			

**NOTES**

- Ripple & noise is measured by using 20MHz bandwidth limited oscilloscope and terminated each output with a 0.1uF ceramic capacitor & parallel with 47uF aluminum capacitor at full load and nominal line.
- Certificates listed are for reference only. Contact factory for more details.
- This product is Listed to applicable standards and requirements by UL.

\*Due to advances in technology, specifications subject to change without notice.

MECHANICAL DRAWINGS

Pin Assignment

CON2				
P1-4	P2-5	P6-9	P10-11	P12-13
Vout3	GND	Vout1	GND	Vout2

  

CON3			
P1	P2	P3-4	P5-6
PG	PS/ON	5Vsb	GND

AC Input Connector CON1: JST/B5P-VH Series or Equivalent  
DC Output Connector CON2: JST/B13P-BG Series or Equivalent  
DC Output Connector CON3: Goldenconn/BB2009W4HT Series or Equivalent

MODEL NUMBER SETUP

PSEPM1200	-	1	100	05	0	0
Series Name		Number of Outputs	Total Power	Output Voltage	Secondary Voltage Coding	Serial Number
		1: Single	100: 100 Watts	05: 5V	0: NA	0: NA
		2: Dual	115: 115 Watts	09: 9V	A: Standby	A: 5V/5A
		3: Triple	110: 110 Watts	10: 10V	B: -12V	B: 12V/5A
		4: Quad	120: 120 Watts	11: 11V	C: Standby +(-12)	
			122: 122 Watts	12: 12V	D: D/D Board	
			125: 125 Watts	15: 15V		
			126: 126 Watts	16: 16V		
			127: 127 Watts	17: 17V		
			128: 128 Watts	18: 18V		
			130: 130 Watts	19: 19V		
			132: 132 Watts	22: 22V		
			135: 135 Watts	23: 23V		
			138: 138 Watts	24: 24V		
			140: 140 Watts	34: 34V		
			141: 141 Watts	35: 35V		
			142: 142 Watts	36: 36V		
			143: 143 Watts	46: 46V		
			144: 144 Watts	47: 47V		
			145: 145 Watts	48: 48V		
			146: 146 Watts	54: 54V		
			147: 147 Watts	55: 55V		
			149: 149 Watts	56: 56V		
			150: 150 Watts			
			152: 152 Watts			
			153: 153 Watts			
			158: 158 Watts			
			160: 160 Watts			
			162: 162 Watts			
			165: 165 Watts			
			166: 166 Watts			
			167: 167 Watts			
			168: 168 Watts			
			169: 169 Watts			
			170: 170 Watts			
			171: 171 Watts			
			172: 172 Watts			
			173: 173 Watts			
			174: 174 Watts			
			175: 175 Watts			
			176: 176 Watts			
			177: 177 Watts			
			180: 180 Watts			
			195: 195 Watts			
			200: 200 Watts			

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## COMPANY INFORMATION

Wall Industries, Inc. has created custom and modified units for over 50 years. Our in-house research and development engineers will provide a solution that exceeds your performance requirements on-time and on budget. Our ISO9001: 2015 certification is just one example of our commitment to producing a high quality, well-documented product for our customers.

Our past projects demonstrate our commitment to you, our customer. Wall Industries, Inc. has a reputation for working closely with its customers to ensure each solution meets or exceeds form, fit and function requirements. We will continue to provide ongoing support for your project above and beyond the design and production phases. Give us a call today to discuss your future projects.

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