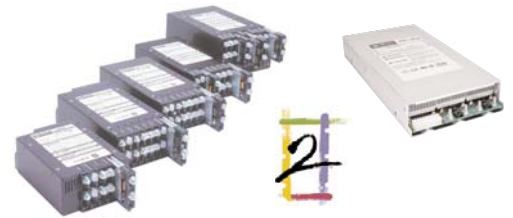


## Westcor Product Part Numbering System

<b>FlatPAC-EN</b> (500W @ 115/230 Vac 425W for EN61000-3-2)	<b>FLx<sub>1</sub>-x<sub>2</sub> x<sub>3</sub>-xxx (-E)</b> e.g. FL4-04-264	<b>x<sub>1</sub></b> <b>x<sub>3</sub></b> <b>xxx</b>	# of outputs # of 2nd Gen modules # assigned by Westcor	<b>x<sub>2</sub></b> <b>-E</b>	# of 1st Gen modules Extended Temperature Range Version
<b>PFC MicroS</b> (600W @ 230 Vac) (500W @ 115 Vac)	<b>PSx<sub>1</sub>-x<sub>2</sub> x<sub>3</sub>-xxx</b> e.g. PS3-03-501	<b>x<sub>1</sub></b> <b>x<sub>3</sub></b> <b>xxx</b>	# of outputs # of 2nd Gen modules # assigned by Westcor	<b>x<sub>2</sub></b>	# of 1st Gen modules
<b>PFC Micro</b> (800W @ 230 Vac) (500 @ 115 Vac)	<b>PCx<sub>1</sub>-x<sub>2</sub> x<sub>3</sub>-xxx</b> e.g. PC6-06-501	<b>x<sub>1</sub></b> <b>x<sub>3</sub></b> <b>xxx</b>	# of outputs # of 2nd Gen modules # assigned by Westcor	<b>x<sub>2</sub></b>	# of 1st Gen modules
<b>PFC Mini</b> (1,500W@ 230 Vac) (800W @ 115 Vac)	<b>PMx<sub>1</sub>-x<sub>2</sub> x<sub>3</sub>-xxx</b> e.g. PM4-22-501	<b>x<sub>1</sub></b> <b>x<sub>3</sub></b> <b>xxx</b>	# of outputs # of 2nd Gen modules # assigned by Westcor	<b>x<sub>2</sub></b>	# of 1st Gen modules
<b>PFC MegaPAC</b> (1,600W @ 230 Vac) (1,200 W @ 115 Vac) (2,400W @ 230 Vac with 2nd Gen)	<b>MPx<sub>A</sub>-7x<sub>B</sub>xxx</b> e.g. MP5-78143 <b>MXx<sub>A</sub>-7x<sub>B</sub>xxx</b> e.g. MX4-74143	<b>x<sub>A</sub></b> <b>xxx</b> <b>MX</b>	# of outputs # assigned by Westcor 2nd Gen module used	<b>x<sub>B</sub></b> <b>7</b>	# of modules PFC chassis
<b>PFC MegaPAC-EL</b> (1,600W @ 230 Vac) (1,200W @ 115 Vac) (2,400W @ 230 Vac)	<b>MPx<sub>A</sub>-7x<sub>B</sub>xxx-EL</b> e.g. MP6-76143-EL <b>MXx<sub>A</sub>-7x<sub>B</sub>xxx-EL</b> e.g. MX4-74152-EL	<b>x<sub>A</sub></b> <b>xxx</b> <b>MX</b>	# of outputs # assigned by Westcor 2nd Gen module used	<b>x<sub>B</sub></b> <b>7</b> <b>-EL</b>	# of modules PFC chassis Extended length
<b>A/R MegaPAC</b> (1,600W @ 230 Vac) (1,200W @ 115 Vac)	<b>MPx<sub>A</sub>-9x<sub>B</sub>xxx</b> e.g. . MP5-98143	<b>x<sub>A</sub></b> <b>xxx</b>	# of outputs # assigned by Westcor	<b>x<sub>B</sub></b> <b>9</b>	# of modules Autoranging chassis
<b>Mini MegaPAC</b> (1,000W @ 115 or 230)	<b>MMx<sub>A</sub>-1x<sub>B</sub>xxx</b> e.g. MM4-14112	<b>x<sub>A</sub></b> <b>xxx</b>	# of outputs # assigned by Westcor	<b>x<sub>B</sub></b> <b>1</b>	# of modules Mini MegaPAC chassis
<b>4kW MegaPAC</b> (Using 1st Gen) (2,000W@3 Phase) (1,200W@1 Phase)	<b>MPx<sub>A</sub>-4x<sub>B</sub>xxx-x<sub>G</sub>x<sub>H</sub>(-EL)</b> e.g. MP10-410008-22(-EL)	<b>x<sub>A</sub></b> <b>xxx</b> <b>x<sub>G</sub>=2</b> <b>x<sub>H</sub>=2</b> <b>-EL</b>	# of outputs # assigned by Westcor 1st Gen in slot 1 1st Gen in slot 10 Extended length chassis	<b>x<sub>B</sub></b> <b>4</b> <b>x<sub>G</sub>=3</b> <b>x<sub>H</sub>=3</b>	# of modules 4kW chassis 2nd Gen in slot 1 2nd Gen in slot 10
<b>4kW MegaPAC</b> (Using 2nd Gen) (4,000W/3 Phase ) (1,500W/1 Phase)	<b>MXx<sub>A</sub>-4x<sub>B</sub>xxx-x<sub>G</sub>x<sub>H</sub>(-EL)</b> e.g. MX10-410008-32(-EL)	<b>x<sub>A</sub></b> <b>xxx</b> <b>x<sub>G</sub>=2</b> <b>x<sub>H</sub>=2</b> <b>-EL</b>	# of outputs # assigned by Westcor 1st Gen in slot 1 1st Gen in slot 10 Extended length chassis for use with QPACs	<b>x<sub>B</sub></b> <b>4</b> <b>x<sub>G</sub>=3</b> <b>x<sub>H</sub>=3</b>	# of modules 4kW chassis 2nd Gen in slot 1 2nd Gen in slot 10



## ConverterPAC Numbering System (Slide-in assemblies for MegaPAC Family)

**C****x<sub>D</sub>****V**/**x<sub>E</sub>****A****x<sub>F</sub>**      **C**      ConverterPAC type\*      **x<sub>E</sub>**      Current out (to 1 decimal point)  
 e.g. **M15V/10ADFL**      **V**      Volt.      **A**      Amps  
**D15V/6.7A-12V/8.3AT**      **x<sub>D</sub>**      Voltage out      **x<sub>F</sub>**      Option (s)

### \* ConverterPACs with 1st Gen modules

**M** - ModuPAC      **LD** - DualQPAC  
**J** - JuniorPAC      **LJ** - Junior QPAC  
**D** - DualPAC      **R** - RamPAC

### ConverterPACs with 2nd Gen module

**L** - QPAC      **PF** - FinPAC (Maxi)/ 375 Vin  
**B** - BatPAC      **XM** - UniPAC (Maxi)/ 300 Vin  
                          **XL** - QPAC (Maxi)/ 300 Vin  
                          **PFL** - FinQPAC (Maxi)/375 Vin

### ConverterPAC Options

<b>D</b>	DC OK or Power Good	<b>S</b>	Trimpot removed for BatPAC adjustment
<b>F</b>	Full 50-110% output adjustment	<b>T</b>	90-110 output adjustment
<b>P</b>	Preload	<b>V1</b>	"VXI" low noise (150 mV or less) 24V outputs
<b>R</b>	RAM external <sup>1</sup>	<b>V2</b>	"VXI" low noise (50 mV or less) for outputs < 24V
		<b>V3</b>	1% ripple or less for outputs >24V

### ConverterPAC features and options available

Designator	Type	D	F	R	T	V
<b>M</b>	ModuPAC	X	X	X	X	X
<b>D</b>	DualPAC	NA	X	X	X	X
<b>B</b>	BatPAC	NA	NA	NA	NA	NA
<b>J</b>	JuniorPAC	X	X	X	X	X
<b>R</b>	RamPAC	N/A	X	NA	X	NA
<b>L</b>	QPAC	X	X	NA	X	NA
<b>LD</b>	DualQPAC	X	NA	NA	NA	NA
<b>LJ</b>	Junior QPAC	X	X	NA	X	NA
<b>PF</b>	FinPAC	X	X	NA	X	NA
<b>XM</b>	UniPAC	X	X	NA	X	NA
<b>XL</b>	QPAC (XL)	X	X	NA	X	NA
<b>PFL</b>	FinQPAC	X	X	NA	X	NA

<sup>1</sup> When using an external RAM, components such as autosense resistors and local sense jumpers must be removed before turning on the supply. In addition, in order to insure proper operation, sense pins must be connected either locally or remotely after the RAM's output. For further information, contact Applications Engineering.

*Note: All ConverterPACs have Autosense except the QPAC (XL). ConverterPACs are NOT used in the LoPAC Family i.e. PFC Mini, PFC Micro, PFC MicroS and FlatPAC-EN.*

## Product Notes

### MegaPAC Family Features

- Power Factor Corrected (PFC) (some)
- Field and user configurable outputs
- General Shutdown/Sequencing (Enable/Disable)
- Input power fail (AC OK)
- Low Noise EL products feature 10mV p-p or less

### FlatPAC-EN

- EN 61000-3-2 harmonic current compliance
- Output power to 500 W (425@ for EN compliance)
- Power Density > 7W/in<sup>3</sup>
- RS-232 Microcontroller interface
- Rugged: Meets MIL-STD-810E, Cat. 10

### LoPAC Family Features

- Power Factor Corrected (PFC)
- Factory configured to user's output needs
- General Shutdown/Sequencing (Enable/Disable)
- Input power fail (AC OK)
- High power densities (> 8 Watts/inch<sup>3</sup>)

Note: The FlatPAC-EN is the only Westcor power supply that does not have an internal fan.