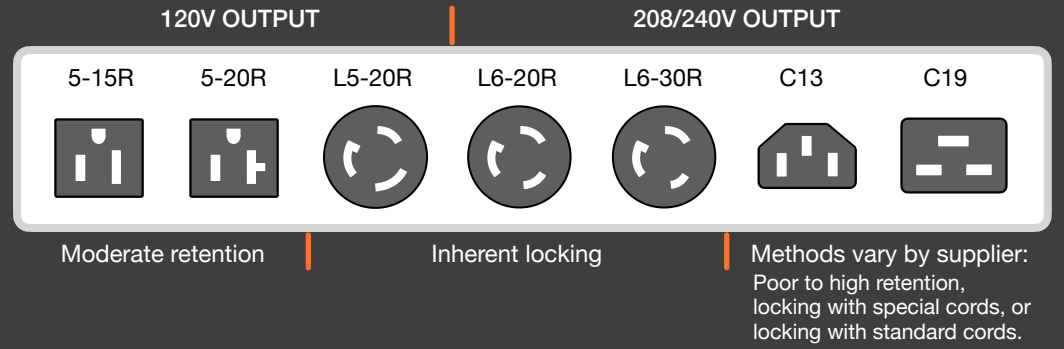


## Typical rPDU Receptacles for IT Equipment



### Consider POWERLOK for:

- Slim high power PDUs with leading power density
- Advanced switching technology
- Cord locking using standard cords
- Made in USA automation for rapid build-to-order
- 3X greater reliability due to robotic soldering

### rPDU Type

<b>A</b>	Basic Local Metered		<b>BASIC</b> has no power reporting.	<b>LOCAL METERED</b> has power reporting on the local rPDU display only.	
<b>B</b>	Monitored Monitored w/Sensors Monitored Ready <sup>1</sup>		<b>MONITORED</b> reports power over Ethernet. Includes dual ports for daisy chaining rPDUs.	<b>MONITORED W/SENSORS</b> allows the use of sensors for environmental monitoring.	<b>MONITORED READY</b> (Upgradeable) allows monitoring to be added later.
<b>C</b>	Switched <sup>2</sup> Switched Ready <sup>3</sup> Outlet Monitored		<b>SWITCHED</b> allows remote on/off/reboot control of power to rPDU outlets.	<b>SWITCHED READY</b> allows rPDU switching cords to be added later for on/off/reboot control.	<b>OUTLET MONITORED</b> allows reporting of power data for rPDU outlets.

1. First introduced by Geist (Vertiv). 2. First introduced by Servertech (Legrand). 3. First introduced by Gateview Technologies.

### Mounting

<b>A</b>	Horizontal Rack Mount <sup>4</sup>		<b>HORIZONTAL RACK MOUNT</b> PDUs are typically 1U or 2U in height and conform to EIA-310D standards for rack mounting. Horizontal rack mount PDUs limit receptacle count due to their size and require rack U-space for mounting.
<b>B</b>	Vertical (Zero-U) <sup>5</sup>		<b>VERTICAL</b> rPDUs are also known as zero-U rPDUs as they do not use U-space in the rack. An industry standard allows vertical rPDUs to mount 2.2" apart side-by-side, however high power rPDUs 100A and above require wider side-to-side spacing.
<b>C</b>	Vertical Stacking <sup>6</sup>		<b>VERTICAL STACKING</b> rPDUs mount in-line and side-by-side, while conforming to a 12.25" button spacing standard for key slot mounting. Vertical Stack rPDUs from Gateview Technologies in 24", 36", and 41" lengths allow 2-3 PDUs to be stacked in one 72" or 82" rPDU footprint.

4. Conforms to EIA-310D Standard. 5. First introduced by APC (Schneider). 6. First introduced by Gateview Technologies.

### Power

	Volts	Amps	kW	Typical Plug		
<b>A</b>	120V	20A	1.9 kW	L5-20P		<b>120 or 208/240V 1PH</b> is a 3-wire (2-wire plus earth) input. Use (Volts*Amps*0.8)/1000 to determine kW.
		30A	2.9 kW	L5-30P		
	208/240V 1PH	20A	3.3 kW	L6-20P		
		30A	5.0 kW	L6-30P		
<b>B</b>	208/240V 3PH	50A	8.3 kW	CS8265C		<b>208/240V DELTA 3PH</b> is a 4-wire (3-wire plus earth) input. Use (Volts*Amps*1.732*0.8)/1000 to determine kW.
		60A	10.0 kW	IEC - 360P6W		
		30A	10.0 kW	L15-30P		
		50A	14.4 kW	CS8365C		
60A		17.2 kW	IEC - 460P6W			
<b>C</b>	120/208V 3PH	100A	28.8 kW	IEC - 4100P6W		<b>120/208V WYE 3PH</b> is a 5-wire (4-wire plus earth) input that allows both 120V and 208V output. Use (Volts*Amps*1.732*.08)/1000 to determine kW.
		125A	34.6 kW	HARDWIRE		
		20A	5.7 kW	L21-20P		
		30A	8.6 kW	L21-30P		
<b>C</b>	240/415V 3PH <sup>7</sup>	60A	17.3 kW	IEC - 560P9W		<b>240/415V OR 230/400 WYE 3PH</b> is a 5-wire (4-wire plus earth) input. The output is always 230 or 240V. Use (Volts*Amps*1.732*0.8)/1000 to determine kW.
		100A	28.8 kW	IEC - 5100P9W		
		20A	11.5 kW	IEC - 520P6		
		30A	17.2 kW	IEC - 530P6		
		60A	34.5 kW	IEC - 560P6W		
100A	57.5 kW	IEC - 5100P6W				
125A	69.0 kW	IEC/HARDWIRE				

7. 415V is a higher voltage allowing for greater power without increasing copper size. Voltage to 277/480V is also available.

### Input

<b>A</b>	Whip <sup>8</sup> & Plug		<b>WHIP &amp; PLUG</b> connect the rPDU to a mating connector located overhead or under the raised floor. Whip length is user specified. 10FT is a common length however 6FT and shorter is specified for high power.
<b>B</b>	Hardwire		<b>HARDWIRE</b> can be preferred for high power rPDUs. Entrance terminal blocks or rPDUs with a whip and no plug allow the customer to make their own terminations.
<b>C</b>	Universal Input PDU <sup>9</sup>		<b>UNIVERSAL INPUT</b> allows a common rPDU to be used for various voltage and amperage applications. The universal rPDU is more expensive to allow maximum power and the unique whips for the various input requirements add cost due to an additional interconnection point.

8. Input whip lengths 2FT to 15FT in 1FT increments introduced by Gateview Technologies. 9. First introduced by Geist (Vertiv).