

## ROCSTOR VOLT DS16

# 1000W Intelligent Power Allocation

US Letter Printable Specification Sheet - The Rocstor Volt DS16 is configured with a 1000W total system power supply. Intelligent power allocation dynamically distributes available USB-C Power Delivery output across connected devices, supporting up to 16 charging ports.

<b>TOTAL POWER BUDGET</b> <b>1000W</b> Maximum combined output	<b>CHARGING PORTS</b> <b>16</b> USB-C intelligent ports	<b>INPUT</b> <b>AC 100-240V</b> 50/60Hz universal input	<b>OUTPUT PROTOCOLS</b> <b>PD 3.0</b> QC 5 / PPS supported
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## Power Delivery Allocation Chart - 1000W Model

Port quantity is calculated from the 1000W total power budget and capped at the DS16 maximum of 16 ports.

Total Power	100W	90W	65W	60W	45W	35W	30W	27W	25W	20W
1000W	10-port	11-port	15-port	16-port	16-port	16-port	16-port	16-port	16-port	16-port

## USB-C PD Output Voltage Profiles

Output Voltage / Current	Maximum Power	Typical Device Category
5V / 3A	15W	Phones and small USB-C devices
9V / 3A	27W	Fast-charge phones and tablets
12V / 3A	36W	Tablets and compact devices
15V / 3A	45W	Chromebooks, tablets, thin laptops
20V / 3A	60W	USB-C laptops and notebooks
20V / 3.25A	65W	Mainstream laptops and Chromebooks
20V / 4.5A	90W	High-performance laptops
20V / 5A	100W	High-power USB-C laptops

**Intelligent Allocation Note:** The DS16 does not force every port to output the same wattage. Each connected device negotiates its required USB-C PD profile. The controller then distributes the available 1000W total system power across active ports. For example, the unit can support up to 10 devices at 100W, 11 devices at 90W, 15 devices at 65W, or all 16 ports at 60W or lower.

## Volt Series Power Delivery Charging Stations

<b>DSC10</b> <b>10 Device Charging Station</b> 10 Ports Compact charging for smaller deployments. Intelligent USB-C PD allocation for small teams and shared workspaces.	<b>1000W MODEL</b> <b>DS16</b> <b>16 Device Charging Station</b> 1000W High-output charging for up to 16 USB-C devices, including laptops, tablets, Chromebooks, and shared device fleets.	<b>DSC20</b> <b>20 Device Charging Station</b> 20 Ports Expanded charging capacity for larger deployments. Designed for schools, IT departments, and high-volume device environments.
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