

# POWER

## PS1650

### High Availability Power Supply Unit

#### Data Sheet

**Total Power:** 1650 W  
**Output:** 12.25 Vdc

#### SPECIAL FEATURES

- Fault mode resiliency
- Dynamic maximum input power limit (DMIPL)
- Inrush current control
- N+1 internal and external redundancy, up to four (4) PSUs in a system
- PMBus® compliant
- Hot pluggable

#### COMPLIANCE

- EMC Conducted/Radiated Class A
- EMC EN/IEC 61000
- RoHS

#### SAFETY

- UL/CSA 60950 (UL recognized)
- IEC 60950
- CE Mark

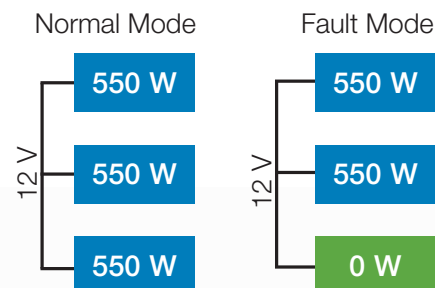


The Artesyn PS1650 is a high availability power supply unit (PSU) developed for hyperscale cloud deployments.

The PS1650 was designed to support an open source hardware development effort through Open Compute Project (OCP) collaboration under the Microsoft Project Olympus initiative. The PS1650 supports a new standard building block model for OCP solution providers to develop hardware solutions from a common design.

#### Electrical Specifications

PS1650	
Output power	1650 W total
Redundancy	1100 W N+1 (3 x 550 W PSU modules in parallel) internal and external redundancy, supports up to four (4) PSUs in a system
Output voltage	12.25 Vdc
Efficiency	91%
Input voltage	Three-phase 415/400 Vac Wye or 208 Vac Delta or Single-phase 200-240 Vac
PSU operating temperature	10 °C to 45 °C

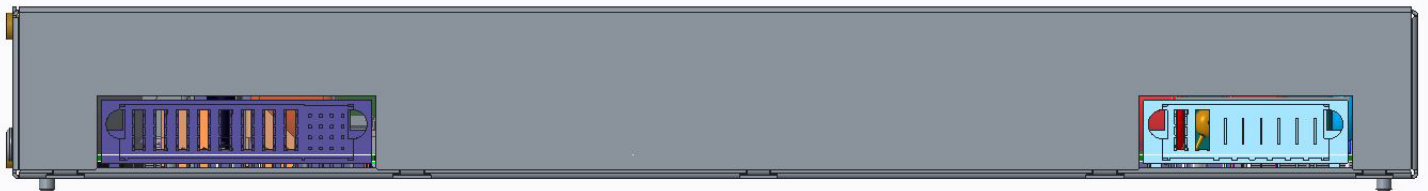


## Mechanical Drawings

Front view



Rear view



## Ordering Information

Model Number	Main Output	Availability
PS1650	12.25 V	October 2017

### WORLDWIDE OFFICES

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