



APS

48VDC Output AC Input Outdoor Power Supply Unit

Compact and reliable AC to DC switching power supply for Agilis products.

Housed with the aluminum case and full plotted with heat-conducted silicone, and featuring outstanding capability to operate under highly humid, dusty, oily and high-vibration harsh environment, Agilis APS series is designed to exceed the rigorous quality and performance requirements of today's leading-edge communication solution.

Features

- Fanless design, cooling by free air convection
- Built-in active PFC function
- High power efficiency up to 94%
- Aluminum case and filling with heat-conducted silicone
- Wide AC input ranging 90 to 264Vac
- Wide operating temperature -55°C to +65°C
- IP65 Weatherproof
- RoHS Compliant

Quality Assurance

100% thorough stringent quality checks in addition to well-defined Environmental Stress Screening to ensure operation in harsh outdoor environment conditions. All subjected to seal test for water ingress verification.

Reliability

Field proven under harsh environment conditions.

Agilis ODUs can withstand temperature ranging from -40°C to +60°C under 100% humidity.

Agilis IDUs can withstand temperature from 0°C to +50°C under 95% humidity.

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Technical Specifications

Specifications

Input Voltage	90 to 264Vac, 47 to 63Hz
Output Voltage	48Vdc (40.8-50.4V, adjustable)
Rated Current	10A
Rated Power	480W
Ripple	250mVp-p
Protection	Over Voltage / Short Circuit / Overload / Over Temperature

Environmental

Operating Temperature	-55°C to +65°C
Relative Humidity	Up to 100%
Weatherproof	IP65

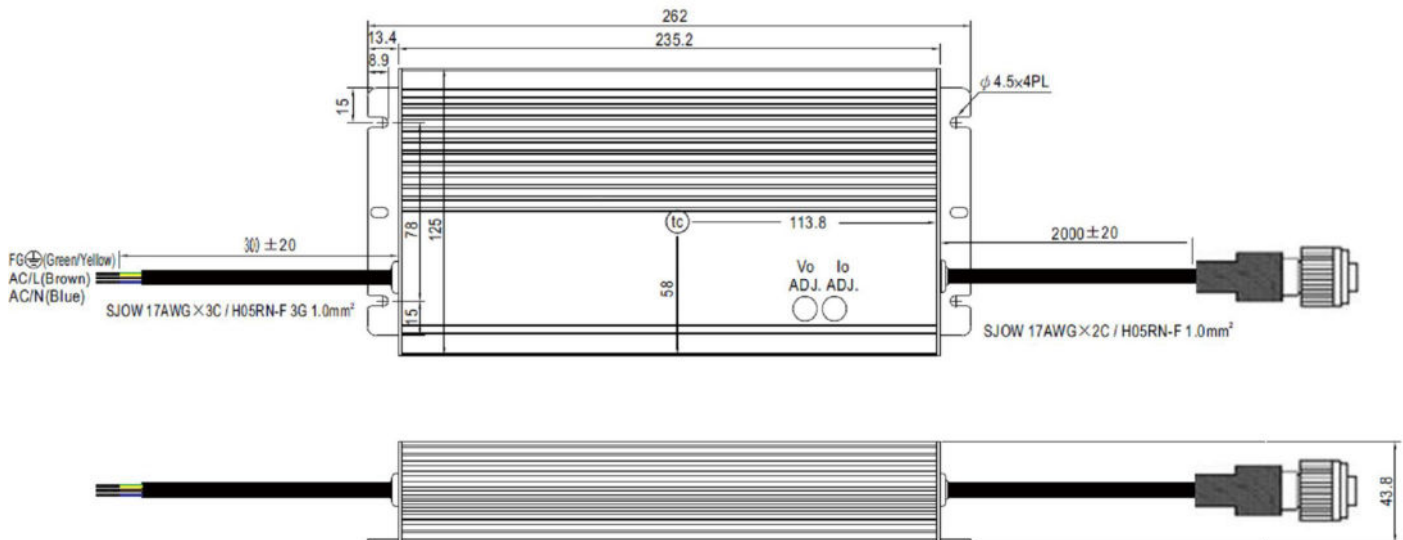
Mechanical

Dimension (excluding interface connectors)	L262 x W125 x H38.8mm L10.31" x W4.92" x H1.53"
Weight	2.8Kg / 6.17lbs

Connector Interface

Input	3-core power cable open-end 2 meter
Output	PT06E-12-4S (A&B(+), C&D(-), for 4-pin connector model) PT06E-12-3S (A(+), B(-), C(NC), for 3-pin connector model)

Mounting Diagram



NOTE: All specifications subject to change without notice
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