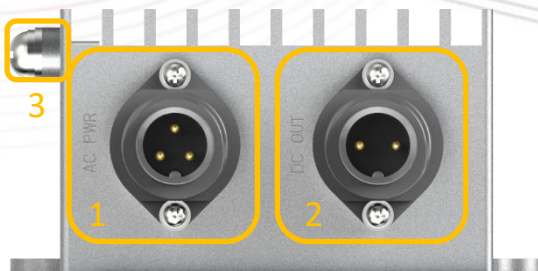


The PSU48S is a reliable 200W AC/DC converter to support all range of 100 – 240 Vac input and provide output voltage of 48Vdc to remote unit or other DC unit.

The PSU48S is an outdoor efficient power solution with IP65, natural cooling at temperature of -40°C – 50°C.

Interfaces Description



- 1 AC PWR to AC resource
- 2 DC OUT to DC unit
- 3 Gound connector

Mounting on RU



Technical Specification

Input voltage range	100 – 240 Vac (Phase Voltage)
Input frequency range	47 – 63 Hz
Power Factor	0.94 @ 230Vac; 0.98 @ 115Vac
Typical Efficiency	94%
Input Current	2.2A @ 115Vac; 1.1A @ 230Vac
Inrush Current	40A @ 115Vac; 80 @ 230Vac
Output Voltage	Typical 48Vdc, 45.6 – 50.4 Vdc
Output Current	Typical 4.2A
Lightning Protection	20 kA
Output Overpass Protection	52.8 – 62.4 Vdc
Other Protection	Overload Protection Over Temperature Protection
Ingress Protection Rating	IP65
Installation	Mounting on the Equipment
Operating Temperature	-40°C to +50°C / -40°F to +122°F
Equipment Dimensions (Width / Height / Depth / Weight)	345mm / 58mm / 96mm / 2.5kg 13.58in / 2.28in / 3.78in / 5.51lb
Safety Regulations	UL60950-1, TUV EN60950-1, EN60335-1, CCC GB4943, EAC TP TC 004, BSMICNS14336-1-R
Withstand Voltage	I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-FG:1.25KVAC
Insulation Resistance	I/P-O/P, I/P-FG, O/P-FG: 100MOhms/500VDC/25°C/70%RH
EMC Emission	EN55032,GB9254,Class B, EN55014, EN61000-3-2,-3, EAC TPTC 020, BSMI CNS13438
EMC Immunity	EN61000-4-2,3,4,5,6,8,11; EN61000-6-2(EN50082-2)

Accessories

Equipment Mounting Brackets	Included
AC Input Power Lead	Included
DC Output Power Lead to Equipment	Included
Various Screws used for Mounting on Equioment	Included

Ordering Information

Assembly Code	Description
PSU48S	AC Power Supply Unit to support RU, 100-240v AC Support Lightning Protection, 20kA

Powering	Description
PSU48S-1	Type E/F AC Plug
PSU48S-2	Type I AC Plug
PSU48S-3	Type B AC Plug
PSU48S-4	Type G AC Plug
PSU48S-7	PSE AC Plug
PSU48S-8	Type D AC Plug
PSU48S-9	Type N AC Plug