



Open Compute Power Solutions



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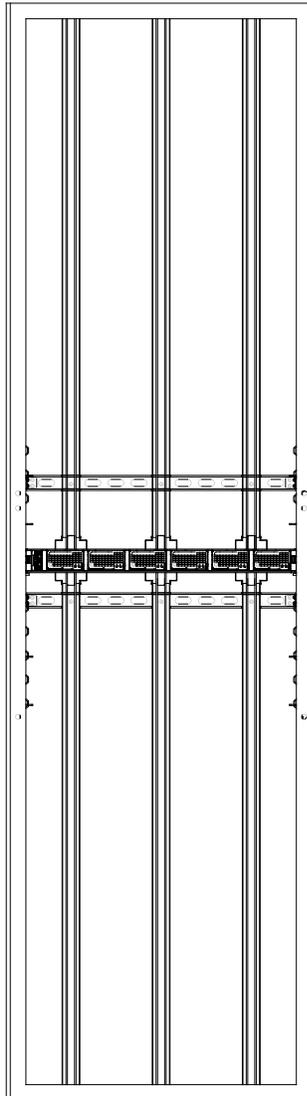


Murata has a complete product offering to address the power requirements for the Open Compute Open Rack V1 & V2 data center applications.

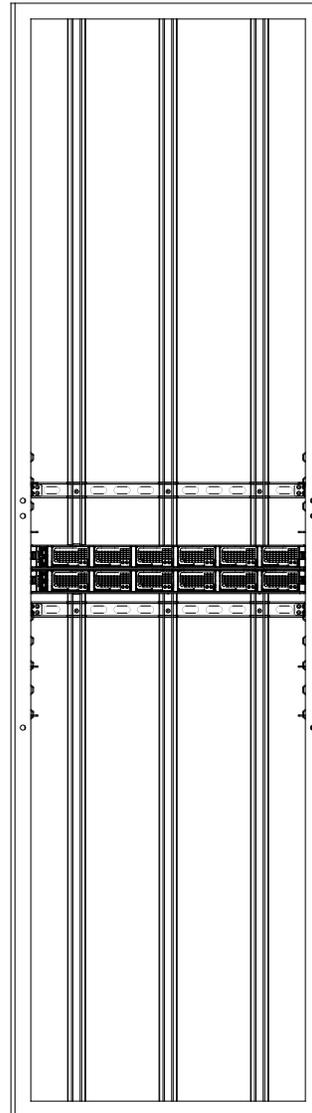
Powered Racks

Open Rack V1 & V2 Powered Racks support both single and dual power zones, providing up to 18kW maximum in a single zone configuration and 36kW maximum in the dual power zone configuration.

Each rack supports up to 41 OUs locations including those required for the Power Shelves.



MWOCPR-211-18-Ax-x



MWOCPR-212-36-Ax-x

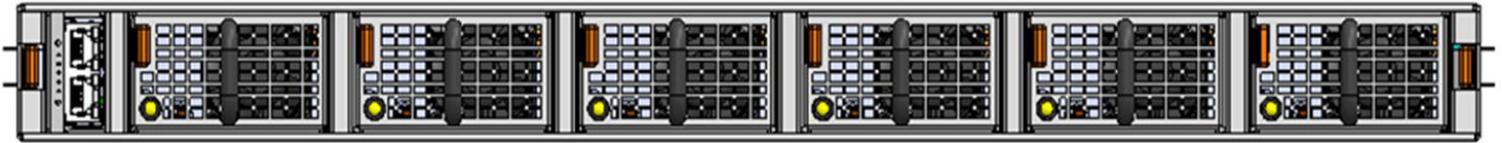
Open Compute Power Solutions

Power Shelves



21" Open Compute Power Shelf

Up to 18kW Total Power; with N+1 & N+N Redundant Capability



MWOCS211-xx-A-xxx

Features

- Fits the 21" OCP Open Rack 1 and meets the V1 & V2 specifications
- Up to 18kW total power per shelf without redundancy
 - 15kW, N+1 (5+1) redundant power
 - 9kW, N+N (3+3) redundant power
 - Six power supply slots, each PSU provides 12.3Vdc,3kW (max),with Titanium Efficiency (96% efficiency at 50% load), 80 PLUS certified
 - One RMU for remote management of the Power Shelf via SNMP
 - External Options: ATS and BBU
- Input: 3-phase AC (Delta or Wye) and/or DC Input
 - AC Delta or Wye, 4-wire or 5-wire, 380-480Vac (nominal)
 - AC Delta, 4W Line-Line – 100-120Vac, 200-277Vac (nominal)
 - AC Wye, 5W Line-Neutral - 100-120Vac, 200-277Vac (nominal)
 - 192-400Vdc (240Vdc or 380Vdc nominal)
- Mechanical dimensions: 21" Shelf, 1.0 OU height
 - 535mm (w) x 680mm (d) x 45mm (h)
- Convenience outlets: (2) C13 outlets on back panel for peripheral power

Part Number	Description	Output Power
MWOCS211-18-A-xxx	18 kW Product Family	5+1 [15Kw] 3+3 [9Kw]
MWOCS211-15-A-xxx	15 kW Product Family	4+1 [12Kw]
MWOCS211-12-A-xxx	12 kW Product Family	3+1 [9Kw] 2+2 [6Kw]
MWOCS211-9-A-xxx	9 kW Product Family	2+1 [6Kw]
MWOCS211-6-A-xxx	6 kW Product Family	1+1 [3Kw]

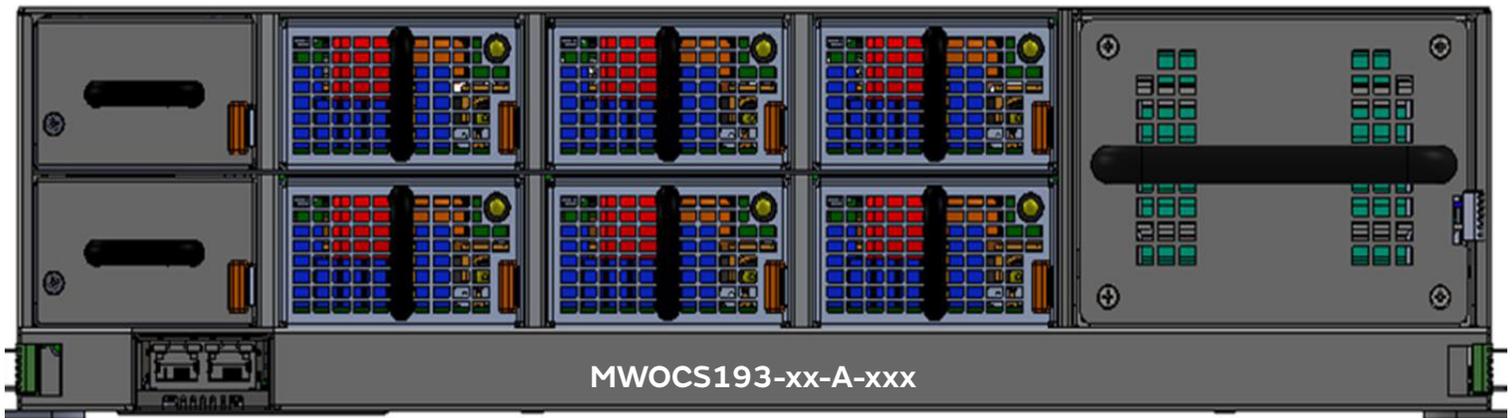
Open Compute Power Solutions

Power Shelves



19" Open Compute Compatible Power Shelf

Up to 18kW Total Power; with N+1 Redundant Capability



Features

- Fits the 21" OCP Open Rack 1 and meets the V1 & V2 specifications
- Up to 18kW total power per shelf without redundancy
 - 15kW, N+1 (5+1) redundant power
 - Six power supply slots, each PSU provides 12.3Vdc,3kW (max),with Titanium Efficiency (96% efficiency at 50% load), 80 PLUS certified
 - One RMU for Remote Management of the Power Shelf via SNMP
 - Options: 2 ATS Units provide for auto switching between 2 AC Sources
1 PAU Unit provides for Peak Shaving and Demand Increase Response
- Input: 3-phase AC (Delta or Wye) and/or DC Input
 - AC Delta or Wye, 4-wire or 5-wire, 380-480Vac (nominal)
 - AC Delta, 4W Line-Line – 100-120Vac, 200-277Vac (nominal)
 - AC Wye, 5W Line-Neutral - 100-120Vac, 200-277Vac (nominal)
 - 192-400Vdc (240Vdc or 380Vdc nominal)
- Mechanical dimensions: 19" Shelf, 2.5 RU height
 - 443mm (w) x 681mm (d) x 107mm (h)
- Convenience outlets: (6) C13 outlets on back panel for peripheral power

Part Number	Description	Output Power
MWOCs193-18-A-xxxx	18 kW Product Family	5+1 [15Kw]
MWOCs193-15-A-xxxx	15 kW Product Family	4+1 [12Kw]
MWOCs193-12-A-xxxx	12 kW Product Family	3+1 [9Kw]
MWOCs193-9-A-xxxx	9 kW Product Family	2+1 [6Kw]
MWOCs193-6-A-xxxx	6 kW Product Family	1+1 [3Kw]