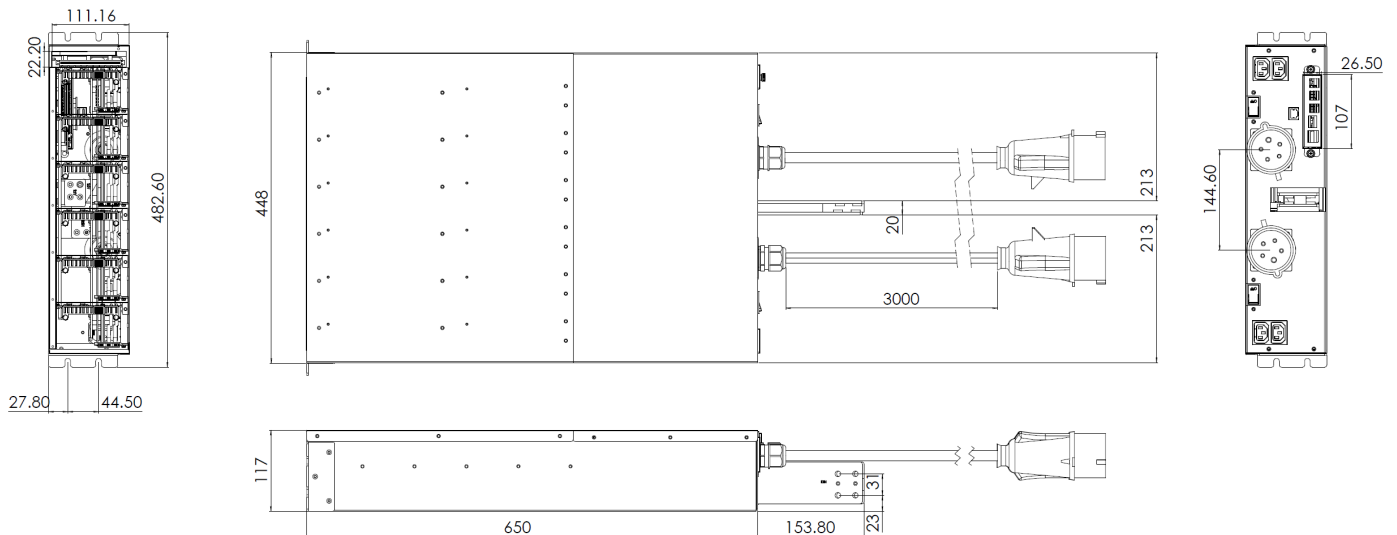


The 12.5kW power shelf is a 6-slot chassis that receives dual-input, 3-phase power and provides stable DC output power (1000A at 12.5VDC). This power shelf supports up to 6 high-power, hot-swappable Power Supply Units for 5+1 redundant operation.

- Dual input connection with AC for each input source
- Supplies power up to 12.5kW, 5+1 redundant operation
- 2.5 OU (Open U) shelf accepts up to 6 hot-swappable 2.5kW Power Supply Units (PSUs) for 5+1 redundant operation
- 19-inch shelf with a height of 2.5 OU, 4.77 inches (117 mm)
- Supports 4x C13 outlets for external AC load
- Supports 1 set of bus bars to deliver DC power to load
- Optional Power Shelf Controller provides remote on/off capability of PSUs along with real-time monitoring and control
- Communication with Li-ion Battery Backup System (BBS)
- Optional air dam bracket and two adapter brackets to fit 21-inch OCP rack



### Three Phase Power Shelf System Components

The system provides a comprehensive power management and battery backup capability based on existing building block with configuration flexibility to suit specific power, size, and run-time requirements. The table below provides additional information on the building block available to create a customized power solution. Please visit our website for more in-depth information or contact your local Lite-On PSS representative for support.

Component	Model Number	Description
Power Shelf	PF-2123-1LDM	12.5KW (5+1), 3 Phase, 5-wire connection, 2.5U Power Shelf with 6 pcs power module slots and one Power Shelf Controller slot
Power Shelf	PF-2123-1LDN	12.5KW (5+1), 3 Phase, 4-wire connection, 2.5U Power Shelf with 6 pcs power module slots and one Power Shelf Controller slot
Power Module	PS-2252-1QDU	2.5kW Hot-Swappable Power Module
Battery Backup System	BP-1442-01X	4.4KW 1U Battery Backup System (BBS) with 4 slots
Battery Backup Unit	BM-1112-01X	1.1kW Battery Backup Unit
Power Shelf Controller	CM-12CP-010U	Power shelf management and control
Site Management Controller	CP-13EC-010U	Rack management and control
21" OCP Rack	KT-2141-121	21-inch Open Frame Rack

