Power Distribution
& Control Boards

Litech is a licensed switchboard manufacturer that designs a full range of power distribution boards for data centers, including Main Sub Switch Boards (MSSBs), Intelligent Power Distribution Units, UPS Bypass Boards, Air Conditioner Distribution Boards, Lighting Distribution Boards, Damper Controller Boards, and other ACDB and DCDB panels. Our team of experienced and skilled design engineers and technicians has the expertise to design, supply, deliver, test, and commission our power distribution boards. Our boards are designed to meet both international and local standards.



Aircond Control Board



UPS By Pass Panel



DB Lighting



Aircond Power Board



Main Sub Switch Board



Intelligent Power Distribution Board

Litech®

Power Distribution & Control Boards

Specification

Parameter	Specification	
Single input is provided, the IT load power is less than or equal to 8.5 kW module, and one 10 kV A UPS and a maximum of one smart cooling product are configured.	Dimensions (H x W x D)	130 mm x 442 mm x 450 mm
	General Input	63A MCB
	UPS Input	1 x D63A/1P MCB
	UPS Output	1 x C63A/1P MCB
	UPS Bypass	1 X C63A/1P MCB
	Power Distribution for Smart Cooling Product	1 x C40A/1P MCB + 1 x C25A/1P MCB
	Power Distribution for IT Equipment	4 x C40A/1P MCB
	SPD Switch	1 x C32A/4P MCB
Single input is provided, the IT load power is less than or equal to 17 kW, UPS N architecture is supported and a maximum of one 20 kVA, UPS and three smart cooling products are configured.	Dimensions (H x W x D)	263 mm x 442 mm x 450 mm
	General Input	100 A disconnector switch
	UPS Input	1 x D63A/3P MCB
	UPS Output	1 x C63A/1P MCB
	UPS Bypass Power Distribution for	1 X C63A/1P MCB
	Smart Cooling Product Power Distribution for IT	3 x C40A/1P MCB + 3 x C25A/1P MCB
	Equipment	12 x C40A/1P MCB
	SPD Switch	1 x C32A/4P MCB
Single input is provided, the IT load power is less than or equal to 8.5 kW or 17 kW, and UPS N+1 architecture is supported. If the IT load power is less than or equal to 8.5 kW, a maximum of two 10 kVA UPS and two smart cooling products are configured. If the IT load power is less than or equal to 17 kW, a maximum of two 20 kVA UPSs and three smart cooling products are configured (two smart cooling products with humidifiers and one only-refrigerating smart cooling product).	Dimensions (H x W x D)	263 mm x 442 mm x 450 mm / 130 mm x 442 mm x 450 mm (additional component)
	General Input	100 A disconnector switch
	UPS Input	2 X D63A /3P MCB
	UPS Output	2 x C63A /3P MCB
	UPS Bypass	1 X C63A/1P MCB
	Power Distribution for Smart Cooling Product	3 x C40A/1P MCB + 3 x C25A/1P MCB
	Power Distribution for IT Equipment	12 x C40A/1P MCB
	SPD Switch	1 x C32A/4P MCB

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Power Distribution & Control Boards

Specification

Parameter	Specification	
Single input is provided, the IT load power ≤ 25kW, UPS N/N+1 architecture is supported, and a maximum of three 20 kV A UPS and four smart cooling products are configured.	Dimensions (H x W x D)	263 mm x 442 mm x 450 mm / 130 mm x 442 mm x 450 mm (additional component)
	General Input	125 A MCB
	UPS Input	3 x D63A/3P MCB
	UPS Output	3 x C63A/3P MCB
	UPS Bypass	1 x C63A/3p MCB
	Power Distribution for Smart Cooling Product	4 x C40A/1P MCB + 4 X C25A/1P MCB
	Power Distribution for IT Equipment	20 x C40A/1P MCB
	SPD Switch	1 x C32A/4P MCB
Single input is provided, the IT load power is less than or equal to 8.5 kW or 17 kW, and UPS N+1 architecture is supported. If the IT load power is less than or equal to 8.5 kW, a maximum of two 10 kVA UPS and two smart cooling products are configured. If the IT load power is less than or equal to 17 kW, a maximum of two 20 kVA UPSs and three smart cooling products are configured (two smart cooling products with humidifiers and one only-refrigerating smart cooling product).	Dimensions (H x W x D)	263 mm x 442 mm x 450 mm / 130 mm x 442 mm x 450 mm (additional component)
	General Input	100 A disconnector switch
	UPS Input	2 X D63A/3P MCB
	UPS Output	2 X C63A/3P MCB
	UPS Bypass	1 X C63A/3P MCB
	Power Distribution for Smart Cooling Product	6 X C40A/1P MCB
	Power Distribution for IT Equipment	12 X C40A/1P MCB
	SPD Switch	1 x C32A/4P MCB

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