



**POWER TO GO
SERVE**

SOLAR | FUEL | HYBRID

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FIELD POWER DISTRIBUTION SYSTEM



DISTRIBUTION BOX BENEFITS

- Stackable for distribution tower configuration
- Easily accessible switching and sockets
- Light weight and easy to carry
- Single piece moulding with smooth rounded edges - no latches or catches to snag
- No setup needed for deployment or use
- Integrated single moulded handle
- Engineered to survive field abuse
- Case and switch gear certified to IP56
- All outlets individually switched and protected
- Power available indication with push button for all circuits
- Stackable for storage and transportation
- Anti slide rubber feet
- Approved and used by the Australian military

FIELD POWER DISTRIBUTION BOX

MODEL	HUB BOX	OUTLET BOX
Current Rating	100 Amp	40 Amp
Voltage	400/230V, 3 Phase	400/230V, 3 Phase
Input Connection	Terminal Studs	40A, 5 Pin Plug
1 Phase Outlets	1 x 2 Pin & Earth	3 x 2 Pin & Earth
Distribution Outlets	4 x 40A, 5 Pin Socket	1 x 40A, 5 Pin Socket

FIELD POWER DISTRIBUTION CABLES

Cable	100 Amp	40 Amp
Length	10 & 50 Metres	1, 10 & 50 Metres
Connections	Tails	40A Mil plug/Socket

Enquest Field Power Distribution Systems are a complete solution for rapid field power deployment. Cabled, hub and outlet boxes can distribute power from any field generator for safe and convenient use by field hospitals, operational head quarters, and field camps. Such systems are currently in use with the Australian Defence Forces.

The single piece moulded high grade polyethylene case with aluminium plate inserts for the hub and outlet boxes makes for long term IP56 protection integrity for use in all weather conditions. The raised, easy access carry handle doubles as a location key for stable stacking for storage and transportation or for forming a multi-stage power distribution tower.

The system is quick and easy to connect with compact bayonet military plugs and sockets for the interconnecting power cables. Cables with tails are used for connection between the Hub Box and the power source, either a diesel generator or higher power distribution boxes.

Enquest Field Power Distribution Systems can be configured with plugs and sockets to suit any military application. Let Enquest design a system for you.



POWER TO GO

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The facts that you need to know about Enquest Field Power Distribution Systems

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HUB AND OUTLET BOX

CABLES

ENIQUEST Field Power Distribution Boxes				
Model	Hub Box		Outlet Box	
Current Rating	100 Amp		40 Amp	
Voltage	400/230V, 3 Phase			
Input Power Connection	4 x M10 Power Studs + M8 Earth Stud		1 x 5 Pin 40A Military Plug	
Distribution Outlets	4 x 5 Pin 40A Military Socket		1 x 5 Pin 40A Military Socket	
Distribution Outlet Protection	40A DIN Circuit Breakers		Nil	
3 Phase Power Outlet	Nil		1 x 5 Pin 40A Military Socket	
Single Phase Power Outlets	1 x 15A Three Pin		3 x 15A Three Pin	
Power Outlet Protection	15A Single Phase or 40A 3 Phase DIN Circuit Breaker with 30mA RCD			
Dimensions – L x W x H	530 x 330 x 390			
Weight	11.5kg		12.5kg	
ENIQUEST Field Power Distribution Cables				
Cable	Length	Conductor Size	Current Rating	Connections
Gen to Hub Box	10 Metre	25mm ²	100A	Tails
Gen to Hub Box	50 Metre	25mm ²	100A	Tails
Hub to Outlet Box	1 Metre	6mm ²	40A	40A Mil plug/Socket
Hub to Outlet Box	10 Metre	6mm ²	40A	40A Mil plug/Socket
Hub to Outlet Box	50 Metre	6mm ²	40A	40A Mil plug/Socket

