



GREENBOX

GRID PROTECTION BOARDS

Greenbox was founded in 2016 with a strong focus on providing grid protection boards to the renewable energy industry.

Our experienced engineering team comes from diverse backgrounds and has a wide range of skills and perspectives. We will provide the right solution for your project.



WHY GREENBOX SOLUTIONS ?



ENGINEERED SOLUTIONS

Engineered solutions for Commercial and Industrial installations



MEETS SAFETY STANDARDS

Pre-programmed DNSP settings.
Compliant to IEC61439



AUSTRALIAN MADE

Designed, engineered and assembled in Australia



"PLUG AND PLAY"

Ready to go and made easy to install



(03) 8510 1893



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Model	Main Circuit Breaker Current (A)			Size of the System (kVA)	
GBPB-100	100			up to 65	
GBPB-200	200			up to 125	
GBPB-400	400			up to 250	
GBPB-630	630			up to 400	
GBPB-800	800			up to 500	
Model	GBPB-100	GBPB-200	GBPB-400	GBPB-630	GBPB-800
Inverter Capacity	<65 kVA	<125 kVA	<250 kVA	<400 kVA	<500 kVA
Number of Inverters	Up to 4 Units of 3-Phase MCBs	Up to 6 Units of 3-Phase MCBs	Up to 4 Units of 3-Phase MCBs	Up to 8 Units of 3-Phase MCBs	Up to 8 Units of 3-Phase MCBs
Inverter Protection	NOARK MCB 3P (Model: Ex9BN) Max. Inverter Output 63A	NOARK MCB 3P (Model: Ex9BN) Max. Inverter Output 63A	NOARK MCCB 3P (Model: Ex9M2N) Max. Inverter Output 250A	NOARK MCCB 3P (Model: Ex9M2N) Max. Inverter Output 250A	NOARK MCCB 3P (Model: Ex9M2N) Max. Inverter Output 250A
Main Circuit Breaker	NOARK MCCB 3P (Model: Ex9M1N) In=100A Ics=Icu=50kA	NOARK MCCB 3P (Model: Ex9M2N) In=200A Ics=Icu=50kA	NOARK MCCB 3P (Model: Ex9M4N) In=400A Ics=Icu=50kA	NOARK Motorized MCCB 3P (Model: Ex9M4N) In=630A Ics=Icu=50kA	NOARK Motorized MCCB 3P (Model: Ex9M5N) In=800A Ics=Icu=50kA
Protection Relay	ComAp MainsPro	ComAp MainsPro	ComAp MainsPro	ComAp MainsPro	ComAp MainsPro
AC Surge Protection	NOARK SPD Class 1+II (Model: Ex9UE1+2 12.5 3P 275)	NOARK SPD Class 1+II (Model: Ex9UE1+2 12.5 3P 275)	NOARK SPD Class 1+II (Model: Ex9UE1+2 12.5 3P 275)	NOARK SPD Class 1+II (Model: Ex9UE1+2 12.5 3P 275)	NOARK SPD Class 1+II (Model: Ex9UE1+2 12.5 3P 275)
Contactor	NOARK (Model: Ex9C 100) Rated Operational Current (AC-1) = 125A	NOARK (Model: Ex9C 185) Rated Operational Current (AC-1) = 215A	NOARK (Model: Ex9C 400) Rated Operational Current (AC-1) = 400A	N/A	N/A
Enclosure Material	1.5mm Powder Coated Mild Steel	1.5mm Powder Coated Mild Steel	1.5mm Powder Coated Mild Steel	1.5mm Powder Coated Mild Steel	1.5mm Powder Coated Mild Steel
Enclosure IP Rating	IP65	IP65	IP65	IP65	IP65
Ext. Dimensions (HxWxD)mm	850 x 600 x 250	1000 x 700 x 300	1800 x 650 x 475	1800 x 1100 x 500	1800 x 1100 x 500



CUSTOM-MADE BOARDS AVAILABLE

CONTACT US FOR MORE INFO

