



## SYNAPSE Combiner AC Input & AC Back up Output Board

For Use With Synapse Ultra -8K Hybrid Inverters  
ACDB-SYN-UL8K-I40A-230V-II-10

### Features

- ◆ IP65
- ◆ Contains Grid Input and Essential Loads output circuits
- ◆ Fully Wired – Time Saving
- ◆ This Product is designed to provide the complete input to inverter from grid circuits, as well as the back up output circuits.
- ◆ This assembly also contains a change over switch – bypassing inverter back up port in case of fault and supplying back up circuits with grid power.
- ◆ Indicator lights are supplied for both Grid status and Back Up Port Status.
- ◆ The enclosure provides excellent protection against the elements and is UV stabilized.
- ◆ Pre-wired internal switchgear assists with super fast installation.

Technical Data	
Grid Input to Inverter	1 x 40A Double Pole Circuit Breaker and 1 x 230Vac Type 2 Surge Protection Device
Back Up Output To Essential Loads	1 x 40A Double Pole/ 1 x 40A ELCB-30Ma/2 x 16A 1Pole Plugs circuit breaker
Inverter Bypass	63A Change over switch
Surge Protection Device	Yes – Type 2 Surge Protection Grid Input Circuit
System Voltage	230Vac
Earth Stud	Yes- Internal/External
Internal Wiring	Fully completed Internal Wiring
IP Rating	IP65
Enclosure Material	ABS
Enclosure Colour	RAL 7032
UV Stabilised	Yes
Additional Heat Dissipation	Yes- 1 x M12-IP65 Breather Plugs Included
Enclosure Size	CDN12PT (246 X 310 X 148)

