Auxiliary power unit with DELTEK™ hybrid diesel-electric technology.
Auxiliary power. An active alternative to engine idling. Idling a tractor engine for in-cab comfort or to ensure cold starts is very costly. It increases fuel cost, engine hours, engine maintenance, and service cost.

With Carrier's auxiliary power unit, you can turn off your engine, be comfortable, and turn down your operating costs.

Externally mounted on the side rails, the Carrier APU is protected in its own weatherproof compartment and runs off the truck's fuel supply. This innovative hybrid diesel-electric system saves fuel, runs quieter than the truck engine, reduces emissions, and provides reliable all-night comfort for the driver.

Proven reliability. The Carrier APU features the same award-winning all-electric DELTEK™ architecture featured in the Carrier Vector™ product family. The Carrier APU powers its proven generator with the same diesel engine featured in Carrier transport refrigeration systems. All other components are electrically operated and located away from the road to protect them from the harsh road environment, ensuring day-in, day-out reliability.

The power of comfort. The comfort of power. • Provides sleeper air conditioning. • Provides sleeper heating. • Powers cabin household accessories. • Charges the truck batteries. • Warms the truck engine. • Compatible with shore power. • Monitors battery charge.

The Carrier APU
Engine idling • Carrier APU

Condensing Unit
Climate Control Unit (CCU) – houses blower, sealed electric compressor, and electric-resistance heaters.
APU – contains engine, generator and alternator.
Heating Lines for Engine Warming
Wiring for Battery Charging
Climate Control Unit
Multi-function Control Panel

An optional Shore Power Connection conveniently located outside the sleeper cabin can enable the unit to switch over to 110/120-volt household power at truck stops and rest areas.

Save on Fuel
Engine idling — 100% saved
Carrier APU — 30% saved

Proven reliability. The Carrier APU features the same award-winning all-electric DELTEK™ architecture featured in the Carrier Vector™ product family. The Carrier APU powers its proven generator with the same diesel engine featured in Carrier transport refrigeration systems. All other components are electrically operated and located away from the road to protect them from the harsh road environment, ensuring day-in, day-out reliability.

Save on Maintenance
Engine idling — 50% saved
Carrier APU — 20% saved

Carrier APU
Other APUs
Sealed electric A/C compressor in the cabin ensures cooling capacity over time.
Open-drive compressor inside APU housing and refrigerant lines running from cabin to APU are exposed to harsh road environment, vibration, and magnesium chloride road treatment, increasing likelihood of leaks and reducing performance and life of cooling function.

Generator directly powers all cab accessories.
Cab power is provided from tractor batteries via an inverter, increasing number of cycles and reducing battery and APU alternator life.

Integrated tractor/APU engine heat, and vibration.
Condenser coil inside APU housing reduces cooling power and condenser life. Increased tractor engine heat rejection reduces cooling power further.

Oil, air, fuel filter, and oil change in fewer than 15 minutes.
Difficult-to-access filters increase regular service cost.

One integrated heating/cooling system.
Two different systems for heating and cooling increase installation and service complexity, and increase fuel consumption during heating and cab power operation.
### PERFORMANCE SPECIFICATIONS

#### APU (Auxiliary Power Unit)
- **Engine**: 13.9 hp, 2 cyl Kubota
- **Oil change interval**: 1,000 hours
- **Alternator**: 60 Amps @ 12-14 volts DC
- **Generator**: 4,000 watts @ 110/120V, 60Hz AC
- **Dimensions H/W/D**: 28-1/2" x 18-1/2" x 25"
- **Weight**: 375 lbs.

#### CCU (Climate Control Unit)
- **Air conditioning**: 12,000 BTU/hr hermetic compressor
- **Heating**: 5,000 & 10,000 BTU/hr (low/high speed)
- **Dimensions H/W/L**: 12" x 15" x 28"
- **Weight**: 85 lbs.

#### Features
- Refrigerant-134a
- Start/stop operation
- Cold weather watch
- Two start/run timers
- Maximum run-time
- Password protection

#### Options
- Shore power for PC6011
- Condenser winter cover for PC6011/PC6018
- Wall-mount ducts for PC6011/PC6019

#### Other Systems
- PC6019 Shore power CCU only
- PC6018 APU only

#### Warranty
- 4,000 hours/2 years

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North America
Carrier Transicold
700 Olympic Drive
Athens, GA 30601 USA
Tel: 706-357-7223
Fax: 706-355-5435

Carrier Transicold Division
Carrier Corporation
Truck/Trailer Products Group
P.O. Box 4805
Syracuse, NY 13221 USA

www.trucktrailer.carrier.com

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