

# Power Recovery Unit Technical Datasheet

## General Specifications

Model	Power Recovery Unit
Cooling	Fan (user replaceable)
Dimensions	17.7 x 27.8 x 7.3 in
Weight	69.4 lb
Operating Temperature	-13°F to +140°F
Noise	<50 dBA
Operation Humidity	5 - 95%
Protection Rating	NEMA 3R
Maximum Elevation	9843 ft
Energy Meter	1% Accuracy
Communication	RS485
Number of Communication Ports	2
Manual Control Over Micro-grid Interconnection Device	Yes
LED Display	3
Warranty	10 years
Safety Standard Compliance	UL 1741, CSA 22.2 NO.107
Emissions	FCC part 15 Class B

## Electrical Specifications

<b>Grid Input / Output to Main Distribution Panel at Grid Tie</b>	
AC Output Voltage	120V / 240V ± 10% (Split Phase)
AC Frequency	50 / 60 Hz ± 5%
AC Current Input	160 A
<b>Output to Main Distribution Panel at Backup Operation</b>	
AC Output Voltage	120V / 240V ± 10% (Split Phase)
AC Frequency	50 / 60 Hz ± 5%
Split Phase Imbalance	41.7 A
AC Current Output (Max)	160 A
<b>Input from Inverter</b>	
Number of Inverter Inputs	4
Rated AC Power	3800 W / 5000 W / 6000 W / 7600 W
Maximum Continuous Input Current @240V	15.9 A / 20.9 A / 25 A / 31.7 A
Inverter Input AC Circuit Breaker	20 A / 30 A / 35 A / 40 A
<b>Generator</b>	
Maximum Rated AC Power	15000 W
Maximum Continuous Input Current	63 A
Auto Generator Start	Yes
<b>Wire Gauge</b>	
AC from Grid Conduit Size / AWG Range	2" Conduit / #0-4 / 0 AWG
AC Inverter Conduit Size / AWG Range	1" Conduit / 12-8 AWG
AC Generator Input Conduit Size / AWG Range	1" conduit / 8-4 AWG
Communication Conduit Size / AWG Range	1" conduit / 24-16 AWG

## Dimensions

