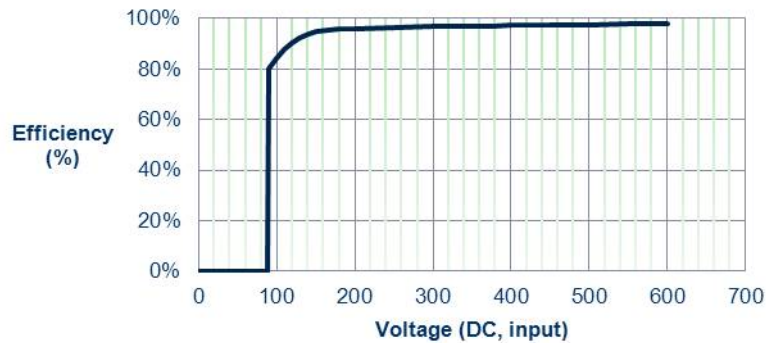


# Specifications for Converter HPE/HW-12-XLW-3/60

## 1. Technical Data

Input voltage range	0 Vac to 500 Vac
Operating voltage range 4	0 Vac to 450 Vac
Max. operating input current	15.4 A
Input over current (fuse protected)	20 A
Input power factor range	0.92 to 1 Lagging 1 to 0.92 Leading
Harmonic distortion of input current (THD)	< 4%
Max output power @ 400 Vac (Input)	12,000 W
Efficiency @ 400 Vac (Input)	95%
Max output current 50 A single phase system	14.5 A per phase for 3 phase system
Output voltage	240 Vac, Single Phase 480 Vac, Three Phase
Harmonic distortion of output current (THD)	< 4%
Output Power Factor	Unity
Short-circuit proofing	Grid-side via current regulation
Operating range, grid voltage	240 Vac, + 20% or 480 Vac + 20%, 3 Phase
Operating range, grid frequency	60Hz, + 0.5 Hz
Operating ambient temperature	-10°C to 50°C
Relative humidity	0 – 95%
Audible noise	< 30 dBA
Size (height x width x depth)	40" x 24" x 36" or 60" x 24" x 36"
Weight	280 lbs

## 2. Efficiency Curve



## 3. System Features

- Over and Under Voltage Protection
- Over & Under Frequency Protection
- Anti-Islanding Protection
- Output Isolation Transformer
- AC & DC Disconnects
- Dip switch for UL or CSA version

## 4. Standards

- IEEE 929
- IEEE 519
- CSA C22.2 No. 107.1-01
- UL 1741