

Efficiency Curve

1. Introduction

This document shows an overview of the efficiencies of the Autarco MH series hybrid inverter in the form of a chart, which is mainly divided into the conversion efficiency under the following four working modes:

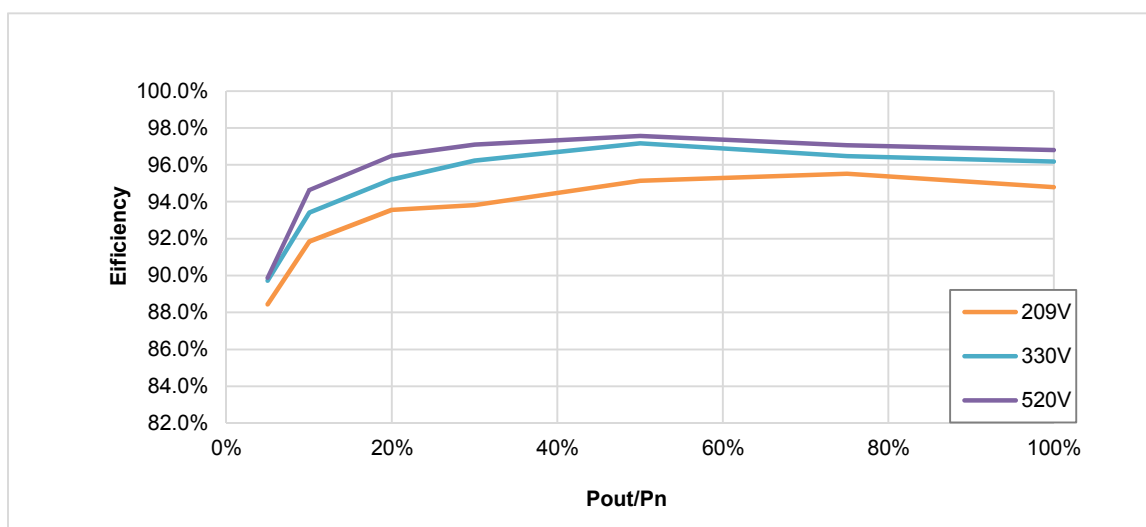
- PV → Grid
- Grid → Battery
- PV → Battery
- Battery → Grid

This document describes in graphic and tabular form the efficiency profiles of the following hybrid inverters:

- MH4600
- MH5000
- MH6000

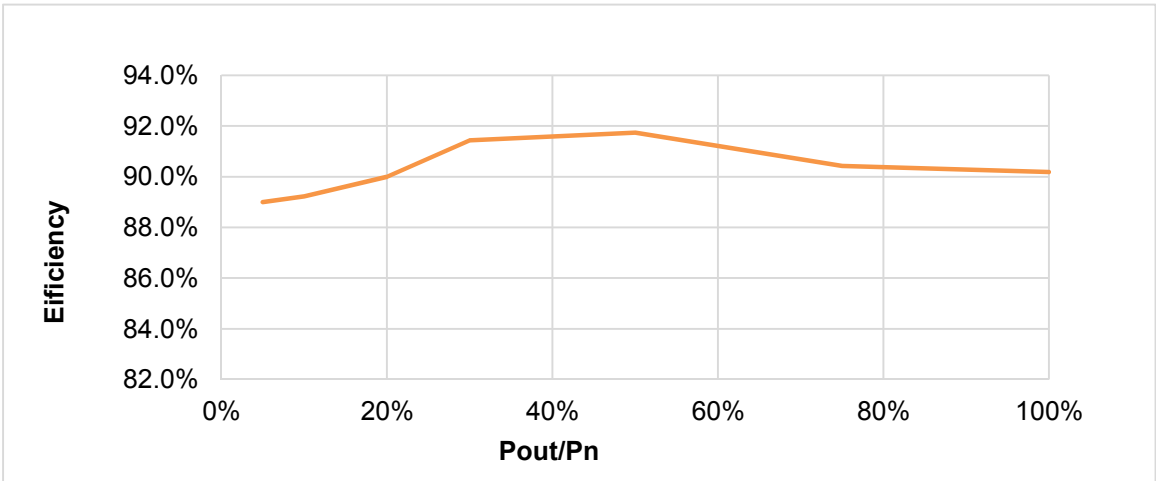
2. Efficiency Curve

2.1 PV → Grid



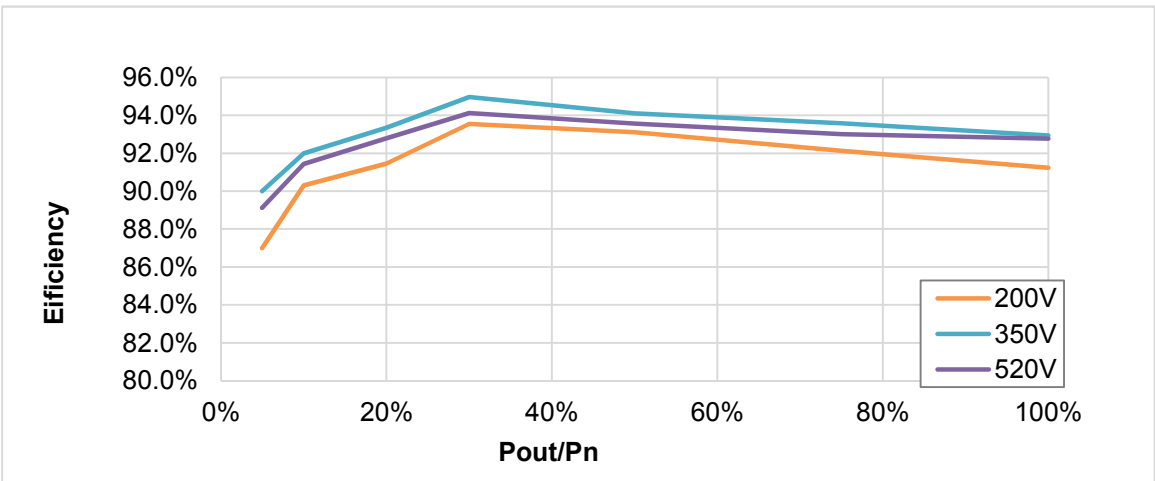
Maximum efficiency, η_{max}	97.56%
European efficiency, η_{EU}	96.81%

2.2 Grid → Battery



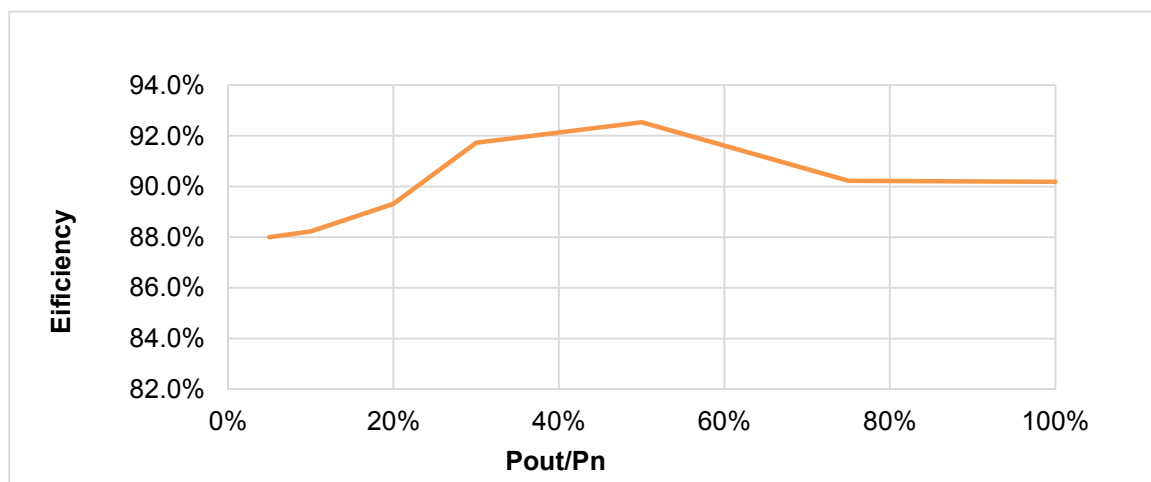
Maximum efficiency, η_{max} 91.74%

2.3 PV → Battery



Maximum efficiency, η_{max} 94.97%

2.4 Battery → Grid



Maximum efficiency, η_{max}

92.54%