

Efficiency Curve

1. Introduction

This document describes the efficiency overview of Autarco energy storage all-in-one system in the form of a chart, which is mainly divided into the conversion efficiency under the following four working modes:

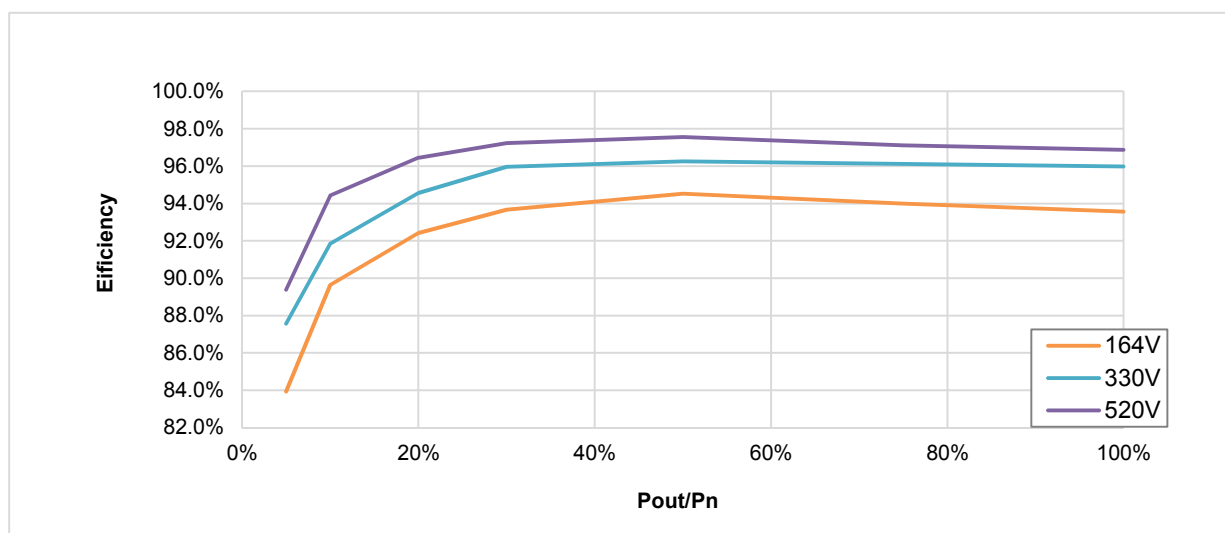
- PV → Grid
- Grid → Battery
- PV → Battery
- Battery → Grid

Efficiency curves in this document relate to the following models:

S2.MH3000
S2.MH3600

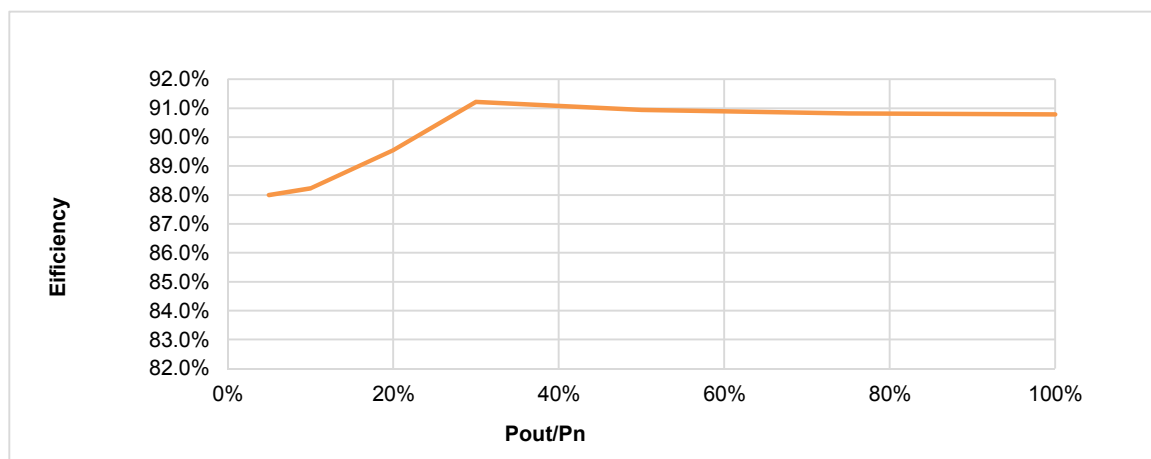
2. Efficiency Curve

2.1 PV → Grid



Maximum efficiency, η_{max}	97.55%
European efficiency, η_{EU}	96.81%

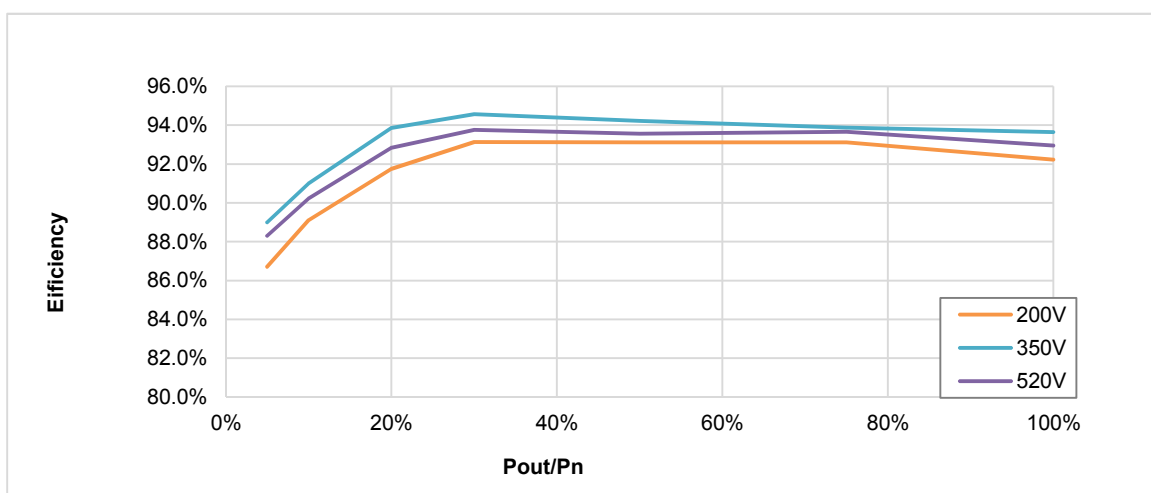
2.2 Grid → Battery



Maximum efficiency, η_{max}

91.22%

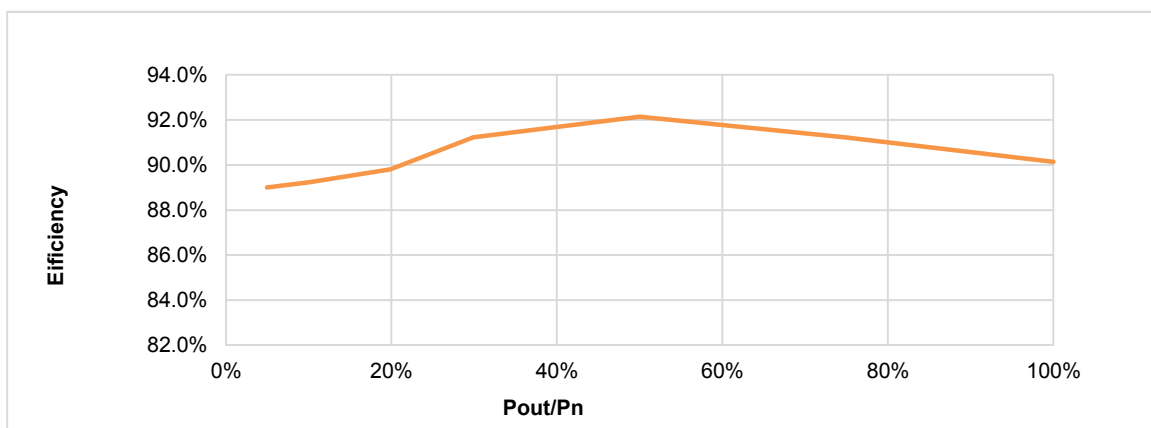
2.3 PV → Battery



Maximum efficiency, η_{max}

94.56%

2.4 Battery → Grid



Maximum efficiency, η_{max}

92.14%