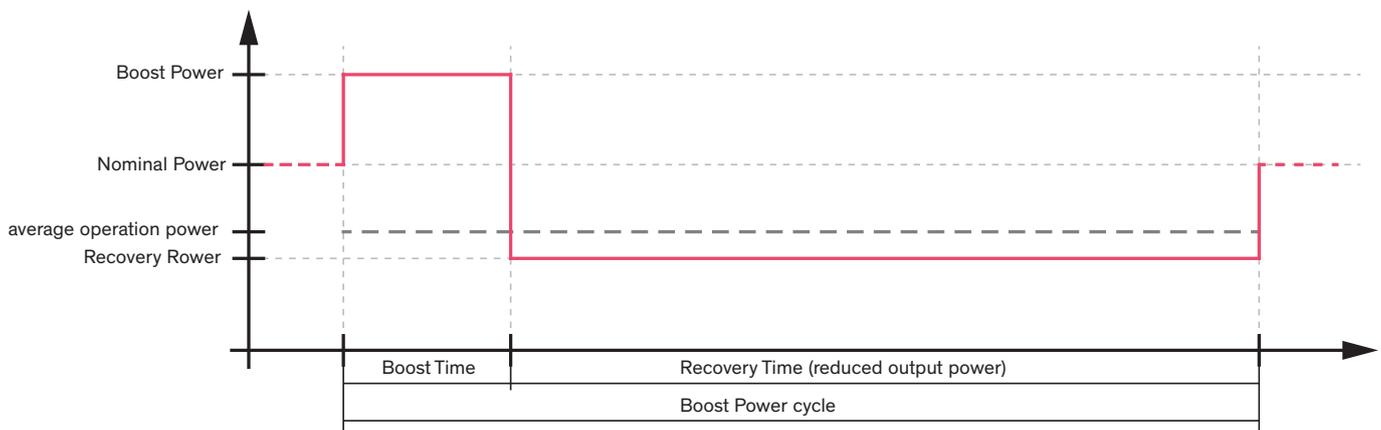


Boost Power functionality

The TPI 30A-J, TPI 50A-J, TPI 65A-J and TPI 125A-J series are capable of boosting their output power and reach a higher peak current for a limited time period. After power boosting, a defined recovery time with reduced output power is necessary.

During the whole Boost Power cycle (Boost Time + Recovery Time) the average power consumption must not exceed the specified Average Operation Power. Due to this definition the Recovery Power level ends up being lower than the Average Operation Power in any case.

Boost power cycle:



Boost Power values depending on model

Model	max. Boost Time	min. Recovery Time	Average Operation Power (percentage of nominal power)
TPI 30A-J	5 s	20 s	70 %
TPI 50A-J	5 s	20 s	70 %
TPI 65A-J	5 s	20 s	70 %
TPI 125A-J	10 s	40 s	55 %

The maximum output current during Boost Time is provided as «Output Current peak» in the datasheet.