

# The world is charging.

# Because we are Power-boosting it.



Demanding challenges outside, smart power inside, PWR Booster is ideal for:



Commercial and industrial applications



Agriculture



Hotels



E-Mobility

Get inspired to explore the world without a care, whether on or off the beaten path, thanks to our PWR Booster and its smart features.

[exidegroup.com](http://exidegroup.com)



We are a global player in energy storage solutions



With innovative and best-in-class products



We treat the world and humanity responsibly



Creating the future – the Exide way:



Innovation



Reliability



Sustainability



High Performance

**E / ATEPS**  
A company of Exide Technologies

# Smart energy whenever you need it.



## Peak shaving:

- Shave peaks during machine start-up



## Charge buffers:

- Charge buffers for electric vehicle charging with PV-optimization



## Cost optimization:

- Reduce contracted grid cost



## Peak-power supply:

- Peak-power supply in combination with fuel-cell and diesel generators



## Optimization of grid power usage:

- Avoid costs that exceed the contractual electricity limit



**Plug-and-play system**  
with factory pre-set parameters.



## Specifications

Battery	
Nom. capacity	33kWh
Nom. battery voltage	13 modules: each 51.8V
Max. battery current	50A max
Battery technology	Lithium-NMC

AC on-grid modus	
AC grid voltage	400V ±10%
AC grid current	42A
AC power	30kW
AC frequency	50Hz (49.5Hz – 50.5Hz)

Expansion and communication	
System controller	Linux based industrial PC
Data Logging	Via ATEPS cloud
3rd party interface	Via local gateway, 4G or TCP/IP

Power	possible system configurations
30kW	33kWh / 66kWh / 99kWh / ... / 264kWh
60kW	66kWh / 132kWh / 198kWh / 264kWh
90kW	99kWh / 198kWh
120kWh	132kWh / 264kWh
150kW	165kWh
180kW	198kWh
210kW	231kWh
240kW	264kWh

Other information	
Cooling	Forced air cooling with changeable fan unit
Noise at full power	<65dB
Housing	19" cabinet 60x70x180cm (WxDxH)
Temperature (in use)	5 - 60°C (De-rating >45°C) / heater optional
Humidity	0-95% non-condensing
Communication	TCP/IP, MODbus RTU RS485
Maximum efficiency	97.3%
Protection	min/max AC voltage, frequency battery voltage, maximum power
Weight	approx. 500kg