



**WACKER  
NEUSON**  
*all it takes!*

## Single direction battery-operated vibratory plate AP1840e

5100042939

[Home](#) >> [Catalog](#) >> [Products](#) >> [Compaction](#) >> [Vibratory Plates](#) >> [Single direction Vibratory Plates](#) >> [Single direction battery-operated vibratory plate AP1840e](#)



### Single direction battery-operated vibratory plate AP1840e

Material number 5100042939

Single direction vibratory plate for soil compaction. Emission-free, with battery driven electric motor. Working width 1.6 in.

#### Product details

**Emission-free compaction in trenches, industrial buildings and enclosures! The AP1840e is suitable for all traditional soil compaction works, protecting the operator and the environment in the process.**

- Easy start at the push of a button, even in very low temperatures
- Fold-down guide bar for compact transport and storage dimensions
- Low-wear, durable base plate made of nodular cast iron
- Maintenance-free asynchronous electric motor developed and produced in-house.
- Can be used for all applications on an average workday with just one battery charge.
- Low hand-arm vibrations

A battery is required to operate this vibratory plate. The battery and various battery chargers are also available here in the shop.

#### Comes with

- Vibratory plate
- Operator's manual

## Technical specifications

### Single direction battery-operated vibratory plate AP1840e

#### ELECTRICAL - OUTPUT DETAILS

Nominal current	21,50 A
Nominal voltage	51 V
Nominal power [P]	1,20 KW
Kind of current (Output)	DC

#### MECHANICAL - OUTPUT DETAILS

Centrifugal force	18,000 kN
Vibrations	5.880 1/min
Area capacity	648 m2/h
Forward Running	27,00 m/min
Gradeability	46,6 %
Vibrations (Hz)	98 Hz

#### ELECTRICAL SYSTEM

Available voltages 1~	BP 1000
RESERVE	yes
Cooling system	AS30e
Time re-ignition	yes
Installed capacity	160 A
Type of battery	1.008,0 Wh
Installed energy	20 Ah
Battery identifier	Li-Ion
integrated BMS	14INR19/65-8

Discharge current max.	32 A
------------------------	------

## MECHANICAL DETAILS

Length Drawbar in op. pos.	1.230 mm
Length	220 mm
Width	400 mm
Height	482 mm
Weight	9,40 kg
Operating weight	93,0 kg
Ground clearance	482 mm

## ENVIRONMENT DATA

Storage temperature range	-30 - 50 °C
Degree of protection	IP2X
Sound level LpA	92,0 dB(A)
Sound power LWA, measured	104,0 dB(A)
Sound level LpA (Standard)	DIN EN ISO 11201
Sound power LWA, guaranteed	105,0 dB(A)
Operating temperature range	0 - 45 °C
Sound power LWA (Standard)	EN 500-4, 2000/14/EG
HAV summation (Standard)	EN 500-4
HAV summation (average value)	3,2 m/s <sup>2</sup>
Uncertainty in measurement HAV	0,5 m/s <sup>2</sup>
Temperature range charging	0 - 45 °C

## Custom Attributes

Model serie	AP
-------------	----

**Please Note**

This product availability can vary from country to country. It is possible that information / products may not be available in your country. More detailed information on engine power can be found in the operator's manual; the started power may vary due to specific operating conditions Subject to alterations and errors expected. Applicable also to illustrations.

Copyright © 2018 Wacker Neuson SE