

# 1050 W SINGLE-PHASE STANDALONE CHARGER

COMPATIBLE WITH Fi3.5, Fi5.0, Fi7.0, Fi10.0 VANGUARD BATTERIES

**VANGUARD**



**Model No.**

Rated Voltage  
 Rated Voltage  
 Operating Voltage  
 Dimensions (LxWxH)

**80086414**

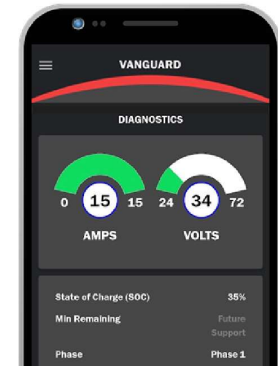
36 V – 72 V (DC)  
 100 V - 240 V (AC)  
 85 V - 265 V (AC)  
 336 x 182 x 113 mm

**FEATURES**

- ✓ Works seamlessly with battery pack
- ✓ Bluetooth capabilities for monitoring AC input and DC output
- ✓ Can be connected in parallel (2) to reduce charging time
- ✓ Enclosure rating IP66 / NEMA 4

**VANGUARD LITHIUM APPLICATION:**

- ✓ The Vanguard Lithium application interfaces wirelessly with Vanguard battery chargers over Bluetooth
- ✓ Display diagnostic information (V, A, Ah, fault) related to battery charges
- ✓ Allows users to configure battery chargers
- ✓ Cloud connectivity



Specifications are subject to change based on development.



## INTRODUCING

### Swappable Charging

- 45 min recharge time to ~80% (75 min to 100%)
- 1425W standard charger (off-board or on-board)
- Portable single & multi-bay charging\* for all Rental and OEM use cases
- Standard EU C15 power cable
- Recharge from 0°C to +45°C
- 3 year commercial limited warranty



VANGUARD

80126934



\*) Off-board and multi-dock coming soon

ONE **STANDARD** IN RENTAL

# 1425 W SINGLE-PHASE STANDALONE CHARGER

COMPATIBLE WITH ALL VANGUARD BATTERIES

# VANGUARD



### Model No.

Rated Voltage  
Rated Voltage  
Operating Voltage  
Dimensions (LxWxH)

### 80126739

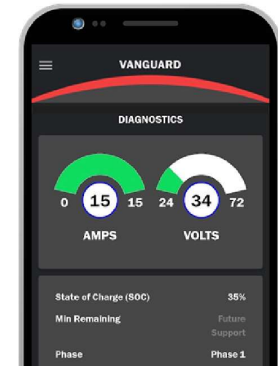
48 V – 72 V (DC)  
100 V - 240 V (AC)  
80 V - 265 V (AC)  
341 x 208 x 115 mm

### FEATURES

- ✓ Works seamlessly with battery pack
- ✓ Bluetooth capabilities for monitoring AC input and DC output
- ✓ Can be connected in parallel (2) to reduce charging time
- ✓ Enclosure rating IP66 / NEMA 4

### VANGUARD LITHIUM APPLICATION:

- ✓ The Vanguard Lithium application interfaces wirelessly with Vanguard battery chargers over Bluetooth
- ✓ Display diagnostic information (V, A, Ah, fault) related to battery charges
- ✓ Allows users to configure battery chargers
- ✓ Cloud connectivity



Specifications are subject to change based on development.



## 3000 W SINGLE-PHASE STANDALONE CHARGER

COMPATIBLE WITH ALL VANGUARD BATTERIES

VANGUARD



### Model No.

Rated Voltage  
Rated Voltage  
Operating Voltage  
Dimensions (LxWxH)

80114089

48 V – 58.8 V (DC)  
100 V - 240 V (AC)  
90 V - 264 V (AC)  
324 x 204 x 142 mm

### FEATURES

- ✓ Works seamlessly with battery pack
- ✓ Can be connected in parallel (2) to reduce charging time
- ✓ Enclosure rating IP55



Specifications are subject to change based on development.