

PWRcell 2 Inverter

MODEL NUMBER: APKE00075

The PWRcell 2 Inverter is a powerful battery inverter designed for the PWRcell 2 Home Energy Storage System and features up to 11.5 kW¹ max continuous power.



Specifications

| AC OUTPUT | |
|-------------------------------|-------------------------------|
| Maximum AC Power Output | 11.5 kW ¹ |
| Maximum Continuous AC Current | 48 A |
| OCPD Rating | 60 A |
| Nominal Grid Voltage | 120 V / 240 V, 1Ø |
| Operating AC Voltage Range | 105 - 132 VAC (120 V nominal) |
| Power Factor Range | -1 to 1 |
| Maximum AC Fault Current | 50 A ² |

| DC INPUT | |
|--------------------------|----------------|
| Nominal Input Voltage | 400 VDC |
| DC Input Voltage Range | 360 to 420 VDC |
| Maximum DC Input Current | 34 A |

| PERFORMANCE | |
|-------------------------|----------|
| Operating Frequency | 60 Hz |
| CEC Weighted Efficiency | 98.5% |
| Warranty | 10 years |

| MECHANICAL | |
|------------------|--------------------------------------------------------------------------|
| Dimensions | 22 13/16 in x 8 3/32 in x 24 3/32 in (57.91 cm x 20.57 cm x 61.21 cm) |
| Weight | 62.1 lbs (28.16 kg) |
| Mounting Options | Wall |

| ENVIRONMENTAL | |
|-----------------------|------------------------------|
| Operating Temperature | -22 to 122 °F (-30 to 50 °C) |
| Operating Humidity | Up to 100% condensing |
| Maximum Elevation | 6562 ft (2000 m) |
| Environment | Indoor and outdoor rated |
| Enclosure Rating | NEMA 3R |

| COMPLIANCE | |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Certifications | UL 1741, UL 1741 SA11, UL 1741 SB, UL 1998, IEEE 1547, IEEE 1547a, IEEE 1547.1, CA Rule 21, Rule 14H (HECO SRD V2.0), ISO-NE, PRC-024, Regulation No. 8915 (PREPA), CSIP |
| Emissions | FCC Part 15 Class B |

¹System power will be limited by battery max continuous power. 11.5 kW can be achieved with two PWRcell 2 Battery Cabinets, with at least 7 battery modules (M4 + M3).

²RMS at 3 seconds.