DATASHEET

12K-2P-N **Residential Hybrid Inverter**



Inverter Model: SKU:

12K-2P
13,000W
175 - 425V
150 - 500V
125V
500V
20A (self-limiting)
2
2
9,600W
7,000
120/240V, 120/208V, 220V
50 / 60Hz
9,000W
37.5A
16,000VA @ 240V
25,000VA @ 240V
104A
63A
+/- 0.9 adjustable
4ms
96.5%
97.5%
Transformerless DC
Up to 9 in parallel
Lithium / Lead Acid
48V
43 - 63V
50 – 9900Ah
185A
3-Stage with Equalization
96.0%
Included
2 Wire Start - Integrated
CANBus & RS485 MODBUS
750 x 450 x 254 mm (29.5 x 17.7 x 10 in)
35.4 kg / 78 lb.
IP65 / NEMA 3R
-25~55°C, > 45°C Derating
< 30 dB @ 25°C (77°F)
60W
Wi-Fi & LAN Hardware Included
10 Years
UL1741-2010/2018, IEEE1547a 2003/2014,
FCC 15 Class B, UL1741SB, CA Rule 21, HECO Rule 14H
Integrated
Integrated
Integrated
Integrated
Integrated
Integrated Integrated
Integrated
Integrated Integrated
Integrated

See Installation Guide for more details on sizing array strings. The highest input voltage is based on the open-circuit voltage of the array at the minimum design temperature.
 Max. continuous AC output of 9,000W (loads / grid sell) + DC output of 3,000W (batteries) = 12,000W total