

# Inverter, 7.7kW for Residential Solar and Battery

HY8K1NA1

Product availability: Stock - Normally stocked in distribution facility

#### Main

Range	Schneider Inverter
Product or Component Type	Inverter
Input voltage	50500 V DC
Rated power in W	7680 W
Output voltage	240 V AC 60 Hz
Input current	12 A

### Complementary

Continuous power	7680 W - 240 V AC/DC	
Efficiency at full load	98 % peak efficiency)	
Rated voltage	470 V	
Short-circuit current	16 A	
Battery Type	Li-lon (Lithium lon)	
Number of MPPT	4	
Photovoltaic power	15400 Wp	
IP Degree of Protection	Type 4	
Mounting Mode	Wall-mounted	
Width	25.6 in (650.2 mm)	
Height	22.4 in (569.0 mm)	
Depth	6.5 in (165.1 mm)	
Standards	UL	
Communication interface	WLAN-FE	
Net Weight	102 lb(US) (46.3 kg)	
Commissioning interface	ESetup	
[Uoc] open circuit voltage	600 V	
Compatible battery	Schneider Boost	

#### **Environmental**

Humidity Measurement Range	0100 % RH, non-condensing	
Operating altitude	013123.36 ft (04000 m)	
Ambient Air Temperature for Operation	-40140 °F (-4060 °C)	

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

## Ordering and shipping details

Category	US1STG212300
Discount Schedule	STG2
GTIN	3606486805268
Returnability	No
Country of origin	TW

## **Packing Units**

Unit Type of Package 1	PCE	
Nbr. of units in pkg.	1	
Package 1 Height	10.83 in (27.5 cm)	
Package 1 Width	29.92 in (76.0 cm)	
Package 1 Length	31.10 in (79.0 cm)	
Package weight(Lbs)	115.79 lb(US) (52.52 kg)	

## **Contractual warranty**

Warranty 10 Years

Aug 1, 2025



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

#### **Use Better**

EU RoHS Directive	Compliant with Exemptions
REACh Regulation	REACh Declaration