

Commercial: 60K-3P-480V



Perfect for Large Industrial

Simplifies adding energy storage to small commercial buildings.

Native 277/480V 3P output with Wye or Delta options simplifies installation removing the need for external transformers

AC/DC Coupling Capability

Enabling seamless integration with existing grid-tied PV systems

Allows for efficient DC coupling using the integrated 4x channel MPPT charge controller.

Modular & Scalable Energy

Modular and flexible design allowing for easy installation and expansion.

Accommodates a range of system sizes with outputs starting from 60kW going to 600kW

Seamless Backup Power

Helps met your corporate renewable energy goals and decarbonization efforts

Blazing fast 20ms transfer time with 200A grid relay allows for business continuity during grid outages.

60K-480V SKU: 60K-3P-480V **60K-3P-480V C&I Hybrid Inverter**

Max. Allowed PV Power (STC)		
MPPT Voltage Range 150-850V	Input Data (PV)	TO 00014
Startup Voltage 180V	, ,	
Max. piper Voltage 1,000V Max. portroling input current per MPPT 36A Max. sperting input current per MPPT 55A 4 4 4 4 4 4 4 4 4	· ·	
Max operating input current per MPPT 36A Max shot of zerult current per MPPT 55A No. of MPP Trackers 4 No. of MPP Trackers 4 No. of MPP Trackers 4 No. of VP Strings per MPPT 2 Max. AC Coupled (30p) ² 277/480V (4-wire Wye) or 480V (3-wire Delta) Onlinal AC Vottage (30p) ² 277/480V (4-wire Wye) or 480V (3-wire Delta) Grid Frequency 50 i 80Hz Roal Power, max continuous (30p) 60 0000W Max. Output Current 72.3A Peak Apparent Power (10s. off-grid. 30p) 90 000VA Max. Grid Passitrough Current 180A Power Factor Cutput Range +/- 0.8 adjustable Backup Transfer Time Up to 15ms CEC Efficiency 95.5% Max Efficiency 97.5% Design (DC to AC) Transformeriess DC Stackable Up to 10 in parallel Battery Input Data (DC) Lithium-ton No. of Battery Input Terminal Rating 50A No. of Battery Input Perminal Rating 50A Nominal DC Voltage Range 160.70V		
Max. short circuit current per MPPT SSA		,
No. of MPP Trackers		
No. of PV Strings per MPPT 2	Max. short circuit current per MPPT	55A
Max. AC Coupled Input 60,000W		4
Output Data (AC) Nominal AC Voltage (3Φ) ² 2777/480V (4-wire Wye) or 480V (3-wire Delta) Grid Frequency 50 / 60Hz Real Power, max continuous (3Φ) 60,000W Max. Output Durnet 72,3A Peak Apparent Power (10s, off-grid, 3Φ) 90,000VA Max. Girl Passthrough Current 180A Power Factor Output Range +½ 0.8 adjustable Backup Transfer Time Up to 15ms CEC Efficiency 96.5% Max Efficiency 97.5% Design (OC to AC) Transformeriess DC Stackable Up to 10 in parallel Battery Input Data (DC) Up to 10 in parallel Battery Input Data (DC) Up to 10 in parallel Supported Battery Chemistry Lithium-ion No. of Battery Input Terminal Rating 50A No. of Battery Charge (Policy Inputs) 2 Battery Input Terminal Rating 50A Nominal DC Voltage ≥ 600V Operating Voltage Range 160 - 700V Battery Charge (Placency) 50 - 9000Ah Max. Battery Charging Efficiency 96.0% Auto	<u> </u>	2
Nominal AC Voltage (3Φ)	Max. AC Coupled Input	60,000W
Grid Frequency	Output Data (AC)	
Grid Frequency	Nominal AC Voltage (3Φ) ²	277/480V (4-wire Wye) or 480V (3-wire Delta)
Real Power, max continuous (3Φ) 60.000W Max. Output Current 72.3A Peak Apparent Power (10s, off-grid, 3Φ) 90.000VA Max. Grid Passthrough Current (10min) 200A Continuous Grid Passthrough Current 180A Power Factor Output Range +7-0.8 adjustable Backup Transfer Time Up to firms CEC Efficiency 96.5% Max Efficiency 97.5% Design (DC to AC) Transformerless DC Stackable Up to 10 in parallel Battery Input Data (OC) Supported Battery Chemistry Lithium-ion No. of Battery Input Battery Charge (10stage) 2 Battery Language 50A Nominal DC Voltage Nominal DC Voltage ≥ 600V Operating Voltage Range 50 - 9000Ah Max. Battery Charge / Discharge Current 100A (50A per input) Charge Controlled Type CC/CV - BMS Controlled Grid to Battery Charging Efficiency 96.0% Automatic Generator Statt (AGS) 2 Wire Start - Integrated		
Max. Output Current 72.3A Peak Apparent Power (10s, off-grid, 3Φ) 90,000VA Max. Grid Passthrough Current (10nin) 200A Continuous Grid Passthrough Current 180A Power Factor Output Range		60,000W
Max. Grid Passthrough Current 200A Continuous Grid Passthrough Current 180A Power Factor Output Range +/- 0.8 adjustable Backup Transfer Time Up to 15ms CEC Efficiency 96.5% Max Efficiency 97.5% Design (DC to AC) Transformerless DC Stackable Up to 10 in parallel Battery Input Data (DC) Supported Battery Chemistry Supported Battery Chemistry Lithium-ion No. of Battery Input Terminal Rating 50A Nominal DC Voltage ≥ 800V Operating Voltage Range 160 - 700V Battery Capacity Range 50 - 9900Ah Max. Battery Charge I Discharge Current 100A (50A per input) Charge Controller Type CC/C/V - 8MS Controlled Grid to Battery Charging Efficiency 96.0% Automatic Generator Start (AGS) 2 Wire Start - Integrated BMS Communication 3 CAN (Controller Area Network) General Data Dimensions (H x W x D) 894 x 528 x 295 mm (35.2 x 20.8 x 11.6 in) Weight 80 Kg / 176 ib. 196.7 NEMA 3R Coperatin	, ,	72.3A
Max. Grid Passthrough Current 200A Continuous Grid Passthrough Current 180A Power Factor Output Range +/- 0.8 adjustable Backup Transfer Time Up to 15ms CEC Efficiency 96.5% Max Efficiency 97.5% Design (DC to AC) Transformerless DC Stackable Up to 10 in parallel Battery Input Data (DC) Supported Battery Chemistry Supported Battery Chemistry Lithium-ion No. of Battery Input Terminal Rating 50A Nominal DC Voltage ≥ 800V Operating Voltage Range 160 - 700V Battery Capacity Range 50 - 9900Ah Max. Battery Charge I Discharge Current 100A (50A per input) Charge Controller Type CC/C/V - 8MS Controlled Grid to Battery Charging Efficiency 96.0% Automatic Generator Start (AGS) 2 Wire Start - Integrated BMS Communication 3 CAN (Controller Area Network) General Data Dimensions (H x W x D) 894 x 528 x 295 mm (35.2 x 20.8 x 11.6 in) Weight 80 Kg / 176 ib. 196.7 NEMA 3R Coperatin	Peak Apparent Power (10s. off-grid, 3Φ)	90.000VA
Continuous Grid Passthrough Current 180A	,, , , , ,	200A
Power Factor Output Range	<u> </u>	
Backup Transfer Time	-	
CEC Efficiency 96.5% Max Efficiency 97.5% Design (DC to AC) Transformerless DC Stackable Up to 10 in parallel Battery Input Data (DC) Supported Battery Chemistry Supported Battery Inputs 2 Battery Input Terminal Rating 50A Nominal DC Voltage ≥ 600V Operating Voltage Range 160 - 700V Battery Capacity Range 50 - 9900Ah Max. Battery Charge / Discharge Current 100A (50A per input) Charge Controller Type CC/CV - BMS Controlled Grid to Battery Charging Efficiency 96.0% Automatic Generator Start (AGS) 2 Wire Start - Integrated BMS Communication ³ CAN (Controller Area Network) General Data Dimensions (H x W x D) Dimensions (H x W x D) 894 x 528 x 295 mm (35.2 x 20.8 x 11.6 in) Weight 80 Kg / 176 lb. Enclosure 1P65 / NEMA 3R Operating Altitude ⁴ 2000 m (6561 ft) Noise Level @ 1m < 30 dB @ 25° C (77°F)	· • • • • • • • • • • • • • • • • • • •	•
Max Efficiency 97.5% Design (DC to AC) Transformerless DC Stackable Up to 10 in parallel Battery Input Data (DC) Up to 10 in parallel Supported Battery Chemistry Lithium-ion No. of Battery Input Terminal Rating 50A Nominal DC Voltage ≥ 600V Operating Voltage Range 160 - 700V Battery Capacity Range 50 - 9900Ah Max. Battery Charge / Discharge Current 100A (50A per input) Charge Controller Type CC/CV - BMS Controlled Grid to Battery Charging Efficiency 96.0% Automatic Generator Start (AGS) 2 Wire Start - Integrated BMS Communication 3 CAN (Controller Area Network) General Data Dimensions (H x W x D) Weight 894 x 528 x 295 mm (35.2 x 20.8 x 11.6 in) Weight 80 Kg / 176 ib. Enclosure IPP65 / NEMA 3R Operating Temperature 40 - 60°C, >45°C Derating Operating Imperature 40 - 60°C, >45°C Derating Operating Altitude ⁴ 2000 m (655f ft) Noise Level @ Im < 30 dB @ 25°C (77°F)	•	
Design (DC to AC) Transformerless DC Stackable Up to 10 in parallel Battery Input Data (DC) Supported Battery Chemistry Lithium-ion No. of Battery Input Terminal Rating 50A Nominal DC Voltage ≥ 600V Operating Voltage Range 160 - 700V Battery Capacity Range 50 — 9900Ah Max. Battery Charge / Discharge Current 100A (50A per input) Charge Controller Type CC/CV - BMS Controlled Gird to Battery Charging Efficiency 96.0% Automatic Generator Start (AGS) 2 Wire Start - Integrated BMS Communication 3 CAN (Controller Area Network) General Data S94 x 528 x 295 mm (35.2 x 20.8 x 11.6 in) Weight 80 Kg / 176 lb. Enclosure IP65 / NEMA 3R Operating Temperature -40 − 60°C, ~45°C Derating Operating Altitude 4 2000 m (6561 ft) Noise Level @ Im < 30 dB @ 25°C (77°F) Idle Consumption - No Load 60W Communication and Monitoring Wi-Fi & LAN Hardware Included Warranty 10 Years Category<		
Stackable	,	
Battery Input Data (DC) Supported Battery Chemistry No. of Battery Inputs 2 Battery Input Terminal Rating Nominal DC Voltage ○ 600V Operating Voltage Range Battery Capacity Range Max. Battery Charge / Discharge Current Charge Controller Type CC/CV - BMS Controlled Grid to Battery Charging Efficiency Automatic Generator Start (AGS) BMS Communication 3 CAN (Controller Area Network) General Data Dimensions (H x W x D) Weight Binding Temperature Operating Temperature Operating Attitude 4 Noise Level @ 1m Idle Consumption - No Load Communication and Monitoring Warranty Category Certifications and Listings (Grid Support Interactive Inverter) PV Rapid Shutdown Control - NEC 690.12 PV Rapid Shutdown Rooter Integrated Integrated Integrated PV String Input Reverse Polarity Protection Integrated PV String Input Reverse Polarity Protection Integrated PV String Input Reverse Polarity Protection Integrated Integrated Integrated Integrated Integrated Integrated PV String Input Reverse Polarity Protection Integrated Integrated Integrated	<u> </u>	
Supported Battery Chemistry		op to 10 m parame.
No. of Battery Input Ferminal Rating 50A		Lithium ion
Battery Input Terminal Rating 50A	· · · · · · · · · · · · · · · · · · ·	
Nominal DC Voltage ≥ 600V	· ·	
Operating Voltage Range		
Battery Capacity Range 50 — 9900Ah Max. Battery Charge / Discharge Current 100A (50A per input) Charge Controller Type CC/CV - BMS Controlled Grid to Battery Charging Efficiency 96.0% Automatic Generator Start (AGS) 2 Wire Start - Integrated BMS Communication 3 CAN (Controller Area Network) General Data Dimensions (H x W x D) 894 x 528 x 295 mm (35.2 x 20.8 x 11.6 in) Weight 80 Kg / 176 lb. Enclosure IP65 / NEMA 3R Operating Temperature -40 - 60°C, >45°C Derating Operating Altitude 4 2000 m (6561 ft) Noise Level @ 1m < 30 dB @ 25°C (77°F) Idle Consumption - No Load 60W Communication and Monitoring Wi-Fi & LAN Hardware Included Warranty 10 Years Category Certifications and Listings UL 1741-2021 (UL1741SB), CSA C22.2 No 107.1-16, IEEE 1547-2018 & 1547a-2020 & 1547.1-2020 (SRD V2.0), UL 1741 CRD-PCS, UL1699B, CEC, SGIP, CSIP PV DC Disconnect Switch — NEC 240.15 Integrated Ground Fault Detection — NEC 690.12 Integrated PV Arc Fault Detection — NEC 690.11 Integrated PV String Input Reverse Polarity Protection Integrated PV String Input Reverse Polarity Protection Integrated		
Max. Battery Charge / Discharge Current Charge Controller Type CC/CV - BMS Controlled Grid to Battery Charging Efficiency Grid to Battery Charging Efficiency Automatic Generator Start (AGS) BMS Communication 3 CAN (Controller Area Network) General Data Dimensions (H x W x D) 894 x 528 x 295 mm (35.2 x 20.8 x 11.6 in) Weight Bnick of Trible Start - Integrated Dimensions (H x W x D) 894 x 528 x 295 mm (35.2 x 20.8 x 11.6 in) Weight Bnick of Trible Start - Integrated Dimensions (H x W x D) 894 x 528 x 295 mm (35.2 x 20.8 x 11.6 in) Weight Bnick of Trible Start - Integrated Dimensions (H x W x D) 894 x 528 x 295 mm (35.2 x 20.8 x 11.6 in) Weight Bnick of Trible Start - Integrated Dimensions (H x W x D) 894 x 528 x 295 mm (35.2 x 20.8 x 11.6 in) 895 x 20.8 x 11.6 in) 896 x 20.8 x 11.6 in) 896 x 20.8 x 11.6 in) 897 x 20.8 x 20.8 x 11.6 in) 898 x 528 x 295 mm (35.2 x 20.8 x 11.6 in) 898 x 528 x 295 mm (35.2 x 20.8 x 11.6 in) 898 x 528 x 295 mm (35.2 x 20.8 x 11.6 in) 898 x 528 x 295 mm (35.2 x 20.8 x 11.6 in) 898 x 528 x 295 mm (35.2 x 20.8 x 11.6 in) 898 x 528 x 295 mm (35.2 x 20.8 x 11.6 in) 898 x 528 x 295 mm (35.2 x 20.8 x 11.6 in) 899 x 528 x 20.8 x 11.6 in) 89		
Charge Controller Type		
Grid to Battery Charging Efficiency Automatic Generator Start (AGS) BMS Communication ³ CAN (Controller Area Network) General Data Dimensions (H x W x D) 894 x 528 x 295 mm (35.2 x 20.8 x 11.6 in) Weight 80 Kg / 176 lb. Enclosure Operating Temperature -40 - 60°C, >45°C Derating Operating Altitude ⁴ 2000 m (6561 ft) Noise Level @ 1m < 30 dB @ 25°C (77°F) Idle Consumption - No Load Communication and Monitoring Warranty Category Certifications and Listings (Grid Support Interactive Inverter) PV DC Disconnect Switch — NEC 240.15 Ground Fault Detection — NEC 690.5 Integrated PV Rapid Shutdown Control — NEC 690.12 PV Rapid Shutdown Control — NEC 690.11 Integrated PV Input Lightning Protection Integrated PV String Input Reverse Polarity Protection Integrated PV String Input Reverse Polarity Protection Integrated PV String Input Reverse Polarity Protection Integrated	· · · · · · · · · · · · · · · · · · ·	
Automatic Generator Start (AGS) BMS Communication 3 CAN (Controller Area Network) General Data Dimensions (H x W x D) 894 x 528 x 295 mm (35.2 x 20.8 x 11.6 in) Weight BNS Communication 3 80 kg / 176 lb. Enclosure IP65 / NEMA 3R Operating Temperature 40 - 60°C, >45°C Derating Operating Altitude 4 2000 m (6561 ft) Noise Level @ 1m < 30 dB @ 25°C (77°F) Idle Consumption - No Load 60W Communication and Monitoring Warranty 10 Years Category Cartifications and Listings (Grid Support Interactive Inverter) PV DC Disconnect Switch — NEC 690.15 Integrated Ground Fault Detection — NEC 690.12 PV Arpid Shutdown Control — NEC 690.11 PV Input Lightning Protection Integrated PV String Input Reverse Polarity Protection Integrated Integrated Integrated PV String Input Reverse Polarity Protection Integrated	• • • • • • • • • • • • • • • • • • • •	
BMS Communication ³ CAN (Controller Area Network) General Data Dimensions (H x W x D) 894 x 528 x 295 mm (35.2 x 20.8 x 11.6 in) Weight 80 Kg / 176 lb. Enclosure IP65 / NEMA 3R Operating Temperature -40 - 60°C, -45°C Derating Operating Altitude ⁴ 2000 m (6561 ft) Noise Level @ 1m <30 dB @ 25°C (77°F) Idle Consumption - No Load 60W Communication and Monitoring Wi-Fi & LAN Hardware Included Warranty 10 Years Category Certifications and Listings UL 1741-2021 (UL1741SB), CSA C22.2 No 107.1-16, IEEE 1547-2018 & 1547a-(Grid Support Interactive Inverter) 2020 & 1547.1-2020 (SRD V2.0), UL 1741 CRD-PCS, UL1699B, CEC, SGIP, CSIP PV DC Disconnect Switch — NEC 240.15 Integrated Ground Fault Detection — NEC 690.5 Integrated PV Rapid Shutdown Control — NEC 690.11 Integrated PV Are Fault Detection — NEC 690.11 Integrated PV Input Lightning Protection Integrated PV String Input Reverse Polarity Protection Integrated		
General Data Dimensions (H x W x D) 894 x 528 x 295 mm (35.2 x 20.8 x 11.6 in) Weight 80 Kg / 176 lb. Enclosure IP65 / NEMA 3R Operating Temperature -40 − 60°C, >45°C Derating Operating Altitude ⁴ 2000 m (6561 ft) Noise Level @ 1m < 30 dB @ 25°C (77°F)		
Dimensions (H x W x D) 894 x 528 x 295 mm (35.2 x 20.8 x 11.6 in) Weight 80 Kg / 176 lb. Enclosure IP65 / NEMA 3R Operating Temperature -40 - 60°C, >45°C Derating Operating Altitude 4 2000 m (6561 ft) Noise Level @ 1m < 30 dB @ 25°C (77°F) Idle Consumption - No Load 60W Communication and Monitoring Wi-Fi & LAN Hardware Included Warranty 10 Years Category Certifications and Listings (Grid Support Interactive Inverter) PV DC Disconnect Switch — NEC 240.15 Ground Fault Detection — NEC 690.5 Integrated PV Rapid Shutdown Control — NEC 690.12 PV Input Lightning Protection PV String Input Reverse Polarity Protection Integrated PV String Input Reverse Polarity Protection Integrated PV String Input Reverse Polarity Protection Integrated		Or it (Controller Floor Fockwork)
Weight 80 Kg / 176 lb. Enclosure IP65 / NEMA 3R Operating Temperature -40 - 60°C, >45°C Derating Operating Altitude 4 2000 m (6561 ft) Noise Level @ 1m < 30 dB @ 25°C (77°F) Idle Consumption - No Load 60W Communication and Monitoring Wi-Fi & LAN Hardware Included Warranty 10 Years Category Certifications and Listings (Grid Support Interactive Inverter) 2020 & 1547.1-2020 (SRD V2.0), UL 1741 CRD-PCS, UL1699B, CEC, SGIP, CSIP PV DC Disconnect Switch — NEC 240.15 Integrated Ground Fault Detection — NEC 690.12 Integrated PV Arc Fault Detection — NEC 690.11 Integrated PV Input Lightning Protection Integrated PV String Input Reverse Polarity Protection Integrated		004 × 500 × 005 × × × (05.0 × 00.0 × 44.0 ×)
Enclosure IP65 / NEMA 3R Operating Temperature -40 - 60°C, >45°C Derating Operating Altitude 4 2000 m (6561 ft) Noise Level @ 1m < 30 dB @ 25°C (77°F) Idle Consumption - No Load 60W Communication and Monitoring Wi-Fi & LAN Hardware Included Warranty 10 Years Category Certifications and Listings (Grid Support Interactive Inverter) 2020 & 1547.1-2020 (SRD V2.0), UL 1741 CRD-PCS, UL1699B, CEC, SGIP, CSIP PV DC Disconnect Switch — NEC 240.15 Integrated Ground Fault Detection — NEC 690.12 Integrated PV Arc Fault Detection — NEC 690.11 Integrated PV Input Lightning Protection Integrated PV String Input Reverse Polarity Protection Integrated PV String Input Reverse Polarity Protection Integrated Integrated Integrated	·	' '
Operating Temperature Operating Altitude 4 2000 m (6561 ft) Noise Level @ 1m		
Operating Altitude 4 2000 m (6561 ft) Noise Level @ 1m < 30 dB @ 25°C (77°F) Idle Consumption - No Load 60W Communication and Monitoring Wi-Fi & LAN Hardware Included Warranty 10 Years Category Certifications and Listings (Grid Support Interactive Inverter) PV DC Disconnect Switch — NEC 240.15 Ground Fault Detection — NEC 690.5 PV Rapid Shutdown Control — NEC 690.12 PV Arc Fault Detection — NEC 690.11 PV Input Lightning Protection PV String Input Reverse Polarity Protection Integrated PV String Input Reverse Polarity Protection Integrated		
Noise Level @ 1m < 30 dB @ 25°C (77°F) Idle Consumption - No Load 60W Communication and Monitoring Wi-Fi & LAN Hardware Included Warranty 10 Years Category Certifications and Listings UL 1741-2021 (UL1741SB), CSA C22.2 No 107.1-16, IEEE 1547-2018 & 1547a-(Grid Support Interactive Inverter) 2020 & 1547.1-2020 (SRD V2.0), UL 1741 CRD-PCS, UL1699B, CEC, SGIP, CSIP PV DC Disconnect Switch — NEC 240.15 Integrated Ground Fault Detection — NEC 690.5 Integrated PV Rapid Shutdown Control — NEC 690.12 Integrated PV Arc Fault Detection — NEC 690.11 Integrated PV Input Lightning Protection Integrated PV String Input Reverse Polarity Protection Integrated	, ,	
Idle Consumption - No Load Communication and Monitoring Wi-Fi & LAN Hardware Included Warranty 10 Years Category Certifications and Listings (Grid Support Interactive Inverter) PV DC Disconnect Switch — NEC 240.15 Ground Fault Detection — NEC 690.5 PV Rapid Shutdown Control — NEC 690.12 PV Arc Fault Detection — NEC 690.11 PV Input Lightning Protection PV String Input Reverse Polarity Protection 60W Wi-Fi & LAN Hardware Included Vi-Fi & LAN Hardware Included 10 Years UL 1741-2021 (UL1741SB), CSA C22.2 No 107.1-16, IEEE 1547-2018 & 1547a-2020 & 1547.1-2020 (SRD V2.0), UL 1741 CRD-PCS, UL1699B, CEC, SGIP, CSIP Integrated Integrated PV Arc Fault Detection — NEC 690.11 Integrated PV String Input Reverse Polarity Protection Integrated		
Communication and Monitoring Wi-Fi & LAN Hardware Included Warranty 10 Years Category Certifications and Listings (Grid Support Interactive Inverter) PV DC Disconnect Switch — NEC 240.15 Ground Fault Detection — NEC 690.5 PV Rapid Shutdown Control — NEC 690.12 PV Arc Fault Detection — NEC 690.11 PV Input Lightning Protection PV String Input Reverse Polarity Protection Wi-Fi & LAN Hardware Included 10 Years 10 Years LL 1741-2021 (UL1741SB), CSA C22.2 No 107.1-16, IEEE 1547-2018 & 1547a-2020 (SRD V2.0), UL 1741 CRD-PCS, UL1699B, CEC, SGIP, CSIP Integrated Integrated Integrated PV Input Lightning Protection Integrated Integrated Integrated		
Warranty Category Certifications and Listings (Grid Support Interactive Inverter) PV DC Disconnect Switch — NEC 240.15 Ground Fault Detection — NEC 690.5 PV Rapid Shutdown Control — NEC 690.12 PV Arc Fault Detection — NEC 690.11 PV Input Lightning Protection PV String Input Reverse Polarity Protection Integrated		11
Category Certifications and Listings (Grid Support Interactive Inverter) PV DC Disconnect Switch — NEC 240.15 Ground Fault Detection — NEC 690.5 PV Rapid Shutdown Control — NEC 690.12 PV Arc Fault Detection — NEC 690.11 PV Input Lightning Protection PV String Input Reverse Polarity Protection UL 1741-2021 (UL1741SB), CSA C22.2 No 107.1-16, IEEE 1547-2018 & 1547a-2020 (SRD V2.0), UL 1741 CRD-PCS, UL1699B, CEC, SGIP, CSIP Integrated Integrated Integrated Integrated PV Input Lightning Protection Integrated Integrated	9	
Certifications and Listings (Grid Support Interactive Inverter) PV DC Disconnect Switch — NEC 240.15 Ground Fault Detection — NEC 690.5 PV Rapid Shutdown Control — NEC 690.12 PV Arc Fault Detection — NEC 690.11 PV Input Lightning Protection PV String Input Reverse Polarity Protection UL 1741-2021 (UL1741SB), CSA C22.2 No 107.1-16, IEEE 1547-2018 & 1547a-2020 & 1547.1-2020 (SRD V2.0), UL 1741 CRD-PCS, UL1699B, CEC, SGIP, CSIP Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated	•	10 Years
(Grid Support Interactive Inverter) PV DC Disconnect Switch — NEC 240.15 Ground Fault Detection — NEC 690.5 PV Rapid Shutdown Control — NEC 690.12 PV Arc Fault Detection — NEC 690.11 PV Input Lightning Protection PV String Input Reverse Polarity Protection Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated Integrated		
PV DC Disconnect Switch — NEC 240.15 Integrated Ground Fault Detection — NEC 690.5 Integrated PV Rapid Shutdown Control — NEC 690.12 Integrated PV Arc Fault Detection — NEC 690.11 Integrated PV Input Lightning Protection Integrated PV String Input Reverse Polarity Protection Integrated		
Ground Fault Detection — NEC 690.5 Integrated PV Rapid Shutdown Control — NEC 690.12 Integrated PV Arc Fault Detection — NEC 690.11 Integrated PV Input Lightning Protection Integrated PV String Input Reverse Polarity Protection Integrated		
PV Rapid Shutdown Control — NEC 690.12 Integrated PV Arc Fault Detection — NEC 690.11 Integrated PV Input Lightning Protection Integrated PV String Input Reverse Polarity Protection Integrated		
PV Arc Fault Detection — NEC 690.11 Integrated PV Input Lightning Protection Integrated PV String Input Reverse Polarity Protection Integrated		
PV Input Lightning Protection Integrated PV String Input Reverse Polarity Protection Integrated		•
PV String Input Reverse Polarity Protection Integrated		
		•
Surge Protection DC Type II / AC Type III		ů.
	Surge Protection	DC Type II / AC Type III

See Installation Guide for details on sizing array strings. Highest input voltage is based on the open-circuit voltage of the array at minimum design temperature
 Does not support corner grounded delta, high leg delta, or 240V delta systems. Consult installation manual or solark.com for details..
 Active BMS communication is required for all lithium batteries. See solark.com for list of compatible battery partners.
 Derating occurs above 2000m (6561 ft).

Sol-Ark reserves the right to modify specifications at any time, and without prior notice. See sol-ark.com for the latest information.