

**solis****Utility-interactive hybrid inverter****Model: S6-EH3P30K03-LV-YD-H-US****PV-Input**

Max.input voltage	DC 1000V
Mppt voltage range	DC 150-850 V
Number of MPPTs/Max. input current	3 MPPTS/DC 40A per MPPT
Isc PV(absolute maximum)	DC 3X65A

Battery

Battery Type	Li-ion
Battery Voltage range	DC 150-800V
Max.Charge/discharge current	Two inputs @ 70A each

AC-Output(Back-up)

Max.(Rated) output power	AC 26 kW/27.5 kW/30 kW
Nominal output voltage	3/(N)/PE,208 V/220V/240V
Nominal Frequency	AC 60 Hz
Max.(Rated) output current	AC 72.2A

AC-Output(Grid side)

Max.(Rated) apparent output power	AC 26KVA/27.5KVA/30KVA
Nominal output voltage	3/(N)/PE,208 V/220V/240V
Nominal Frequency	AC 60 Hz
Max.(Rated) output current	AC 72.2A
Power factor range	-0.8...1...+0.8

AC-Input(For grid port and Gen port)

Nominal voltage	3/(N)/PE, 208V/220V/240V
Maximum input current (Grid)	AC 144.4A
Max.(Rated) continuous current (Gen)	AC 72.2A
Nominal Frequency	60 Hz
Protective class	I
Ingress protection	TYPE 4X
Ambient temperature	-25...+60°C

FCC ID:2AWE8-S6EH3PH1



S/N

110F401247120094

Photovoltaic Arc-Fault Circuit Protection



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UL1741SB,IEEE1547-2018,UL1699B,UL1998, FCCPart15ClassB/partC,California Rule21, Hawaii Rule 14H, NEC 690.12-2020,CAN/CSA C22.2107.1-1, IEEE 1547-2003

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**solis****Utility-interactive hybrid inverter****Model: S6-EH3P30K03-NV-YD-H-US****PV-Input**

Max.input voltage	DC 1000V
Mppt voltage range	DC 150-850 V
Number of MPPTs/Max. input current	3 MPPTS/DC 40A per MPPT
Isc PV(absolute maximum)	DC 3X65A

Battery

Battery Type	Li-ion
Battery Voltage range	DC 150-800V
Max.Charge/discharge current	Two inputs @ 70A each

AC-Output(Back-up)

Max.(Rated) output power	AC 30 kW
Nominal output voltage	3/(N)/PE,480V
Nominal Frequency	AC 60 Hz
Max.(Rated) output current	AC 36.1A

AC-Output(Grid side)

Max.(Rated) apparent output power	AC 30KVA
Nominal output voltage	3/(N)/PE,480V
Nominal Frequency	AC 60 Hz
Max.(Rated) output current	AC 36.1A
Power factor range	-0.8...1...+0.8

AC-Input(For grid port and Gen port)

Nominal voltage	3/(N)/PE,480V
Maximum input current (Grid)	AC 72.2A
Max.(Rated) continuous current (Gen)	AC 36.1 A
Nominal Frequency	60 Hz
Protective class	I
Ingress protection	TYPE 4X
Ambient temperature	-25...+60°C

FCC ID:2AWE8-S6EH3PH1



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Photovoltaic Arc-Fault Circuit Protection



UL1741SB,IEEE1547-2018,UL1699B,UL1998, FCCPart15ClassB/partC,California Rule21, Hawaii Rule 14H, NEC 690.12-2020,CAN/CSA C22.2107.1-1, IEEE 1547-2003

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**solis****Utility-interactive hybrid inverter****Model: S6-EH3P40K04-NV-YD-H-US****PV-Input**

Max.input voltage	DC 1000V
Mppt voltage range	DC 150-850 V
Number of MPPTs/Max. input current	4 MPPTS/DC 40A per MPPT
Isc PV(absolute maximum)	DC 4X65A

Battery

Battery Type	Li-ion
Battery Voltage range	DC 150-800V
Max.Charge/discharge current	Two inputs @ 70A each

AC-Output(Back-up)

Max.(Rated) output power	AC 40 kW
Nominal output voltage	3/(N)/PE,480V
Nominal Frequency	AC 60 Hz
Max.(Rated) output current	AC 48.1A

AC-Output(Grid side)

Max.(Rated) apparent output power	AC 40KVA
Nominal output voltage	3/(N)/PE,480V
Nominal Frequency	AC 60 Hz
Max.(Rated) output current	AC 48.1A
Power factor range	-0.8...1...+0.8

AC-Input(For grid port and Gen port)

Nominal voltage	3/(N)/PE,480V
Maximum input current (Grid)	AC 96.2A
Max.(Rated) continuous current (Gen)	AC 48.1 A
Nominal Frequency	60 Hz
Protective class	I
Ingress protection	TYPE 4X
Ambient temperature	-25...+60°C

FCC ID:2AWE8-S6EH3PH1



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Photovoltaic Arc-Fault Circuit Protection



UL1741SB,IEEE1547-2018,UL1699B,UL1998, FCCPart15ClassB/partC,California Rule21, Hawaii Rule 14H, NEC 690.12-2020,CAN/CSA C22.2107.1-1, IEEE 1547-2003

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**solis****Utility-interactive hybrid inverter****Model: S6-EH3P50K04-NV-YD-H-US****PV-Input**

Max.input voltage	DC 1000V
Mppt voltage range	DC 150-850 V
Number of MPPTs/Max. input current	4 MPPTS/DC 40A per MPPT
Isc PV(absolute maximum)	DC 4X65A

Battery

Battery Type	Li-ion
Battery Voltage range	DC 150-800V
Max.Charge/discharge current	Two inputs @ 70A each

AC-Output(Back-up)

Max.(Rated) output power	AC 50 kW
Nominal output voltage	3/(N)/PE,480V
Nominal Frequency	AC 60 Hz
Max.(Rated) output current	AC 60.1A

AC-Output(Grid side)

Max.(Rated) apparent output power	AC 50KVA
Nominal output voltage	3/(N)/PE,480V
Nominal Frequency	AC 60 Hz
Max.(Rated) output current	AC 60.1A
Power factor range	-0.8...1...+0.8

AC-Input(For grid port and Gen port)

Nominal voltage	3/(N)/PE,480V
Maximum input current (Grid)	AC 120.2A
Max.(Rated) continuous current (Gen)	AC 60.1 A
Nominal Frequency	60 Hz
Protective class	I
Ingress protection	TYPE 4X
Ambient temperature	-25...+60°C

FCC ID:2AWE8-S6EH3PH1



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Photovoltaic Arc-Fault Circuit Protection



UL1741SB,IEEE1547-2018,UL1699B,UL1998, FCCPart15ClassB/partC,California Rule21, Hawaii Rule 14H, NEC 690.12-2020,CAN/CSA C22.2107.1-1 , IEEE 1547-2003

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**solis****Utility-interactive hybrid inverter****Model: S6-EH3P60K04-NV-YD-H-US****PV-Input**

Max.input voltage	DC 1000V
Mppt voltage range	DC 150-850 V
Number of MPPTs/Max. input current	4 MPPTS/DC 40A per MPPT
Isc PV(absolute maximum)	DC 4X65A

Battery

Battery Type	Li-ion
Battery Voltage range	DC 150-800V
Max.Charge/discharge current	Two inputs @ 70A each

AC-Output(Back-up)

Max.(Rated) output power	AC 60 kW
Nominal output voltage	3/(N)/PE,480V
Nominal Frequency	AC 60 Hz
Max.(Rated) output current	AC 72.2A

AC-Output(Grid side)

Max.(Rated) apparent output power	AC 60KVA
Nominal output voltage	3/(N)/PE,480V
Nominal Frequency	AC 60 Hz
Max.(Rated) output current	AC 72.2A
Power factor range	-0.8...1...+0.8

AC-Input(For grid port and Gen port)

Nominal voltage	3/(N)/PE,480V
Maximum input current (Grid)	AC 144.4A
Max.(Rated) continuous current (Gen)	AC 72.2 A
Nominal Frequency	60 Hz
Protective class	I
Ingress protection	TYPE 4X
Ambient temperature	-25...+60°C

FCC ID:2AWE8-S6EH3PH1



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Photovoltaic Arc-Fault Circuit Protection



UL1741SB,IEEE1547-2018,UL1699B,UL1998, FCCPart15ClassB/partC,California Rule21, Hawaii Rule 14H, NEC 690.12-2020,CAN/CSA C22.2107.1-1, IEEE 1547-2003

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**This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.**

