Solar Labels

PANDUIT®

SPECIFICATION SHEET

specifications

Pre-printed and printable solar labels shall be made using high performance UV stable materials and adhesives.
All labels shall be designed to meet NEC and IFC standards for PV installation labeling. Labels shall be UV stable and made with special high bond adhesives to stick to both powder coat painted and baked enamel surfaces found on most disconnect switches and breaker boxes. All labels shall meet the requirements of UL969*.

*Currently the part numbers including "SL1" are UL recognized

technical information

Material:	
Pre-printed reflective:	Reflective polyester
Pre-printed:	Polyester or vinyl
Print on-demand:	Polyester or vinyl
Label overlaminates:	Clear laminate sheets
Durability rating:	7 years UV outdoor
Service temperature:	-40°F to 180°F (-40°C to 82°C)
Color:	White on Red (PMS-187)

key features and benefits

UV stable material and special:	Provide reliability in both indoor and outdoor applications
Application flexibility:	Variety of sizes and colors available for use in many solar applications
Labeling software capabilities:	Generate labels quickly and easily with Panduit® Easy-Mark™ Labeling Software; labeling application tools assist in the creation of solar labels
Seven year UV outdoor rating:	Designed for long-term reliability in labeling applications subjected to high ultra violet light

applications

Panduit Solar Labels are designed to meet required safety standards for PV installation labeling. These labels are available in a variety of sizes and styles. Certain labels leave blank spaces where variable thermal transfer printing can be added when specific on-site power and series data is required. These labels are ready to print on-demand using Easy-Mark™ Labeling Software and a TDP43ME Thermal Transfer Desktop Printer. All labels are outdoor rated and are designed to have high resistance to direct UV exposure. This product solution has an optional clear over laminate to function in harsh environments.

Pre-Printed Reflective Labels

1.75" x 6.00" (44.5mm x 152.4mm):	PPS0206WSR1-PS
1.75" x 6.00" (44.5mm x 152.4mm):	PPS0206BSR1-MD
1.75" x 6.00" (44.5mm x 152.4mm):	PPS0206BSR1-SD

Pre-Printed Labels

2.00" x 4.00" (50.8mm x 101.6mm):	PPS0204WSL1-TER
4.00" x 4.00" (101.6mm x 101.6mm):	PPS0404WSL1-TER
2.00" x 4.00" (50.8mm x 101.6mm):	PPS0204WSL1-DCC
1.50" x 3.00" (38.1mm x 76.2mm):	PPS0103WSL1-ADI
1.50" x 3.00" (38.1mm x 76.2mm):	PPS0103WSL1-SLC

Print On-Demand Labels

1.75" x 6.00" (44.5mm x 152.4mm):	C600X175SP1-AD
1.75" x 6.00" (44.5mm x 152.4mm):	C600X175SP1-DD
4.00" x 4.00" (101.6mm x 101.6mm):	C400X400SP1-PS
4.00" x 4.00" (101.6mm x 101.6mm):	C400X400SP1-DSM
4.00" x 4.00" (101.6mm x 101.6mm):	C400X400SP1-ASM
2.00" x 4.00" (50.8mm x 101.6mm):	C400X200SP1-AD
4.00" x 4.00" (101.6mm x 101.6mm):	C400X400SP1-DD
1.00" x 2.00" (25.4mm x 50.8mm):	C200X100AWT
2.50" x 3.00" (63.5mm x 76.2mm):	C300X250AWT
1.00" x 4.00" (25.4mm x 101.6mm):	C400X100AWT
4.00" x 50.0' (101.6mm x 15.2m):	T400X000RW1

Label Overlaminate

4.00" x 4.00" (101.6mm x 101.6mm):	C400X400SL1-OL
1.75" x 6.00" (44.5mm x 152.4mm):	C600X175SL1-OL
1.50" x 3.00" (38.1 x 76.2mm):	C300X150SL1-OL
2.00" x 4.00" (50.8mm x 101.6mm):	C400X200SL1-OL

Related Products

Labeling Software

Easy-Mark™ Labeling Software:	PROG-EMCD3

Thermal Transfer Desktop Printers

TDP43ME:	Medium volume 300 dpi
TDP43ME-RS:	External roll required

Recommended Ribbons

RMER4BL:	TDP43ME black resin

Solar Labels

Pre-Printed Reflective

A

B

PPS0206WSR1-PS*

Pre-Printed

A

B

PPS0204WSL1-TER*

Print On-Demand

A

B

C400X400SP1-ASM*

Part Number	Color	Height (A) (In.)	Height (A) (mm)	Width (B) (In.)	Width (B) (mm)	Application	Legend
Pre-Printed Reflective							
PPS0206WSR1-PS	White on Red	1.75	44.5	6.00	152.4	Service Disconnects, Combiner Box, Junction Box, Enclosures	WARNING - PHOTOVOLTAIC POWER SOURCE
PPS0206BSR1-MD	White on Red	1.75	44.5	6.00	152.4	Main Service Disconnect	PHOTOVOLTAIC SYSTEM MAIN DISCONNECT
PPS0206BSR1-SD	White on Red	1.75	44.5	6.00	152.4	Service Disconnect	PHOTOVOLTAIC SYSTEM DISCONNECT
Pre-Printed							
PPS0204WSL1-TER	White on Red	2.00	50.8	4.00	101.6	Service Disconnect	WARNING - ELECTRICAL SHOCK HAZARD - DO NOT TOUCH TERMINALS. TERMINALS ON BOTH THE LINE AND THE LOAD SIDES MAY BE ENERGIZED IN THE OPEN POSITION
PPS0404WSL1-TER	White on Red	4.00	101.6	4.00	101.6	Service Disconnect and Combiner Box	WARNING - ELECTRICAL SHOCK HAZARD - DO NOT TOUCH TERMINALS. TERMINALS ON BOTH THE LINE AND THE LOAD SIDES MAY BE ENERGIZED IN THE OPEN POSITION DC VOLTAGE IS ALWAYS PRESENT WHEN SOLAR MODULES ARE EXPOSED TO SUNLIGHT
PPS0204WSL1-DCC	White on Red	2.00	50.8	4.00	101.6	Service Disconnects, Combiner Box, Junction Box, Enclosures	WARNING - ELECTRICAL SHOCK HAZARD - THE DC CONDUCTORS OF THIS PHOTOVOLTAIC SYSTEM ARE UNGROUNDED AND MAY BE ENERGIZED
PPS0103WSL1-ADI	White on Red	1.50	38.1	3.00	76.2	Inverter	WARNING - ELECTRICAL SHOCK HAZARD - AC/DC INVERTER
PPS0103WSL1-SLC	White on Red	1.50	38.1	3.00	76.2	Load Controller	WARNING - ELECTRICAL SHOCK HAZARD - SOLAR LOAD CONTROLLER
Print On-Demand							
C600X175SP1-AD	White on Red	1.75	38.1	6.00	152.4	AC Disconnect	PHOTOVOLTAIC - AC DISCONNECT
C600X175SP1-DD	White on Red	1.75	44.5	6.00	152.4	DC Disconnect	PHOTOVOLTAIC - DC DISCONNECT
C400X400SP1-PS	White on Red	4.00	101.6	4.00	101.6	Photovoltaic Power Source	VOLTAGE AND CURRENT RATINGS
C400X400SP1-DSM	White on Red	4.00	101.6	4.00	101.6	DC Photovoltaic Module	VOLTAGE CURRENT AND POWER RATINGS
C400X400SP1-ASM	White on Red	4.00	101.6	4.00	101.6	AC Photovoltaic Module	VOLTAGE CURRENT AND POWER RATINGS
C400X200SP1-AD	White on Red	2.00	50.8	4.00	101.6	AC Disconnect	VOLTAGE AND CURRENT RATINGS
C400X400SP1-DD	White on Red	4.00	101.6	4.00	101.6	DC Disconnect	VOLTAGE AND CURRENT RATINGS
C200X100AWT	Red	1.00	25.4	2.00	50.8	Red Raised Panel Label	
C300X250AWT	Red	2.50	63.5	3.00	76.2	Red Raised Panel Label	
C400X100AWT	Red	1.00	25.4	4.00	101.6	Red Raised Panel Label	
T400X000RW1	Red	4.00	101.6	n/a	n/a	Red, Reflective Continuous Tape	
Label Overlaminate							
C400X400SL1-OL	Clear	4.00	101.6	4.00	101.6	Additional Abrasion and UV Protection	
C600X175SL1-OL	Clear	1.75	44.5	6.00	152.4	Additional Abrasion and UV Protection	
C300X150SL1-OL	Clear	1.50	38.1	3.00	76.2	Additional Abrasion and UV Protection	
C400X200SL1-OL	Clear	2.00	50.8	4.00	101.6	Additional Abrasion and UV Protection	

*Sample image shown above displays format of each label category (Pre-Printed Reflective, Pre-Printed, and Print On-Demand).

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