

INTEGRATED PANELS

FEATURES

- Fully pre-wired and mounted
- Quick & easy installation
- Wide input operating voltage window
- 40 power levels (1.8-10kW)
- Disconnect and breaker options
- RS485 communications

OPTIONS

- Web-based monitoring
- Revenue grade meter



COMPLETE STRING INVERTER SYSTEMS

The integrated panel assembly is an option for the full line of Solectria Renewables' single phase string inverters. This fully customizable option allows for multiple combinations of string inverters resulting in more than 40 power solutions ranging from 1.8 kW to 10 kW to perfectly match the PV system size. It is also an ideal choice for multiple array orientations providing maximum energy production. The integrated panel comes with inverters pre-wired and mounted on an industrial grade aluminum panel with the option to include a revenue grade meter, disconnects or circuit breakers. The integrated panel assembly is the definitive plug and play solution for installing grid-tied PV systems.



SPECIFICATIONS	DIMENSIONS (L X W)	WEIGHT
PVI 1800/2500 single inverter panel AC & DC disconnects and revenue grade meter	26.88 in. x 33 in. (682.8 mm x 838.2 mm)	64 lbs (29.1 kg)
PVI 1800/2500 double inverter panel AC subpanel with breakers, DC disconnect and revenue grade meter	26.88 in. x 45 in. (682.8 mm x 1143 mm)	97 lbs (44.1 kg)
PVI 3000S-5000S single inverter panel AC disconnect & integrated DC disconnect and revenue grade meter	30.75 in. x 27 in. (781.1 mm x 685.8 mm)	74-104 lbs (33.6-47.3 kg)
PVI 3000S-5000S double inverter panel AC subpanel with breakers, integrated DC disconnects and revenue grade meter	30.75 in. x 48 in. (781.1 mm x 1219.2 mm)	134-192 lbs (60.9-79.1 kg)
PVI 1800-5000S mixed inverter panel AC subpanel with breakers, DC disconnect and revenue grade meter	30.75 in. x 48 in. (781.1 mm x 1219.2 mm)	118-147 lbs (53.6-66.8 kg)

Please see PVI 1800/2500 and PVI 3000S-5000S datasheets for inverter specifications



A single PVI 1800 or PVI 2500 integrated panel makes for quick and easy installation.

The double integrated panel option for PVI 3000S-5000S includes inverters, back panel, AC subpanel with breakers, integrated DC disconnects and revenue grade meter.



You may combine two PVI 1800 or PVI 2500 for up to a 5 kW panel on the PVI 1800/2500 double panel.

You may combine any PVI 1800-5000S creating an integrated panel up to 10 kW.