



SHIFTING THE LIMITS

## PROJECT

Country	United States
Project name	Pan16/Fron6.0
Annual power consumption	4,000 kWh
Load profile	Family

## PV MODULE

Modul manufacturer	Panasonic
Model	VBHN-325SA15
Min. / Max. module temperature	-10°C / 70°C

## INVERTER

Inverter type	Primo 6.0-1 / 240 / 600Vdc
Min. / Max. inverter ratio	80% / 120%

## SUMMARY

Inverter ratio	84%
Pmpp STC	5.20 kWp
MPPT A	2x4
MPPT B	2x4

## MPPT A / B DETAILS

String (str. x mod.)	2 x 4 / 2 x 4
Isc STC	12.06 A / 12.06 A
Ump at 70 °C	199.08 V / 199.08 V
Uoc at -10 °C	302.76 V / 302.76 V
Ump at STC	230.40 V / 230.40 V
Pmpp at STC	2.60 kWp / 2.60 kWp

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The Quick sizing is based on the following assumptions: No country-specific considerations of grid code, AC voltage, unbalanced loading or capacity limitation.