

SANTERNO SKID STATION



Advantages

- 1 or 1.5 MWac Output Power
 - Fully integrated on a transportable skid
 - Two 1000V Solar Inverters, CA ISO Grid Compliant
 - Oil-cooled MV Distribution Transformer
 - Designed according to NEC NFPA70, UL1741, IEEE1547.
 - 97.5% CEC Weighted Inverter Efficiency
 - Designed for North America
 - California seismic zone 4 compliant
 - Desert kit available
 - Protective Canopy available
 - Wake-Up Features for data access at night
 - Integrated Monitoring
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Product features

Maximum DC input voltage	1000 Vdc	Cooling system	Forced air
Current THD	<3%	Operating temperature (full power)	-25° C to + 50° C -13° F to 122° F
Degree of protection	Nema 3R outdoor installation	Nominal output frequency	60 Hz

Technical features	1 MW Size	1.5 MW Size
MPP Tracking	495-820 Vdc	550-820 Vdc
Output power level	1000 kWac	1500 kWac
Output voltage	12.47 kVac up to 34.5 kVac *	12.47 kVac up to 34.5 kVac *
Power Factor	Adjustable > 0.9 lead or lag	Adjustable > 0.9 lead or lag
Maximum DC current	2x972 A	2x1338 A

Efficiency

Peak Inverters Efficiency	98.4%	98.4%
CEC Weighted Inverters Eff.	97.5%	97.5%
MV Transformer Efficiency	> 99% @ 50% load	> 99% @ 50% load

Mechanical Features

Dimensions (WxDxH)	240.2" x 94.5" x 96.5"	240.2" x 94.5" x 96.5"
Weight	27800 lbs	30700 lbs

* To be specified by costumer



Santerno Inc.
One Market St. Spear Tower, Suite 3600
San Francisco, CA - 94105 - U.S.A.
ph +1 415-293-8272
santernousa@santerno.com - santerno.com

Canada Sales Office
622 College Street,
Suite 201F
Toronto, ON M6G 1B6, Canada
ph +1 416-789-0793

COMPANY
WITH QUALITY SYSTEM
CERTIFIED BY TÜV
ISO 9001