

TECHNICAL DATA

TAURUS RES DOMESTIC



MODEL

Rated power  
Maximum charging power

PV INPUT (DC)

Maximum DC power  
Nominal DC voltage  
Maximum DC voltage  
Start-up voltage / initial feeding voltage  
MPP voltage range  
Number of MPP trackers  
Maximum input current  
Isc PV (absolute maximum)  
PV circuit protection  
PV circuit surge protection (optional)  
Max. inverter backfeed current to the array

GRID AND LOAD OUTPUT (AC)

Nominal output voltage  
Output voltage range  
Output frequency range  
Nominal output current  
Inrush current  
Maximum output fault current  
Maximum output overcurrent protection  
Power factor range  
Load circuit protection

AC INPUT

AC start-up voltage  
Auto restart voltage  
Acceptable Input voltage range  
Nominal frequency  
AC Input power  
Maximum AC input current  
Inrush input current  
Grid circuit protection

BATTERY MODE OUTPUT (AC)

Nominal output voltage  
Output frequency  
Output waveform  
Output power  
Output current  
Efficiency (DC to AC)

BATTERY & CHARGER

Nominal DC voltage  
Maximum battery discharging current  
Maximum charging current

BATTERY CAPACITY

Battery capacity in Ah (100% DOD)  
Battery capacity in kWh (100% DOD)  
Battery DC circuit protection

GENERAL CHARACTERISTICS

Dimensions H x W x D (mm)  
Net weight (kg)  
Chasis construction material  
Enclosure construction material

INTERFACE

Communication port  
Intelligent slot

ENVIRONMENT

Protective class  
Ingress protection rating  
Cooling  
Humidity  
Operating temperature  
Altitude

Taurus RES Domestic 3 KW  
3000 W  
3000 W

3200 W  
360 VDC  
500 VDC  
116 VDC / 150 VDC  
250 VDC ~ 450 VDC  
1  
13 A  
13 A  
2 Pole 500 volt 15 Amp  
PRD40r 600DC  
0 Amp

208/220/230/240 VAC  
184 - 265 VAC  
47.5 ~ 51.5 Hz or 59.3 ~ 60.5 Hz  
13 A\*  
17 A  
51 A  
51 A  
0.9 lead - 0.9 lag  
2 pole 240 volt 20 Amp (circuit breaker)

120-140 VAC  
180 VAC  
170 - 280 VAC  
50 Hz / 60 Hz  
5100VA/5100W  
30 A  
30 A  
2 pole 240 volt 32 Amp (isolator)

208/220/230/240 VAC  
50 Hz / 60 Hz (auto sensing)  
pure sine wave  
3000VA/3000W  
14.4A/13.6A/13A/12.5A  
92%

48 VDC  
150 A  
25 A

100 Ah (Lead Crystal®)  
4.8 kWh  
2 pole 60 volt 100 Amp (isolator)

1400 x 600 x 350  
200 kg  
laser cut galvanized steel  
UL94 V0 thermo molded ABS

RS-232/USB (wifi optional)  
optional SNMP, modbus and  
AS-400 cards available

I  
IP55  
internal electrical fan  
1 ~ 90% RH (non condensing)  
0 to 40°C  
1 ~ 1000 m\*\*

Taurus RES Domestic 3 KW PLUS  
3000 W  
3000 W

4500 W  
360 VDC  
500 VDC  
116 VDC / 150 VDC  
250 VDC ~ 450 VDC  
1  
18 A  
18 A  
2 pole 500 volt 20 Amp  
PRD40r 600DC  
0 Amp

208/220/230/240 VAC  
184 - 265 VAC  
47.5 ~ 51.5 Hz or 59.3 ~ 60.5 Hz  
13 A\*  
17 A  
51 A  
51 A  
0.9 lead - 0.9 lag  
2 pole 240 volt 20 Amp (circuit breaker)

120-140 VAC  
180 VAC  
170 - 280 VAC  
50 Hz / 60 Hz  
5100VA/5100W  
30 A  
30 A  
2 pole 240 volt 32 Amp (isolator)

208/220/230/240 VAC  
50 Hz / 60 Hz (auto sensing)  
pure sine wave  
3000VA/3000W  
14.4A/13.6A/13A/12.5A  
92%

48 VDC  
150 A  
25 A

170 Ah (Lead Crystal®)  
8.2 kWh  
2 pole 60 volt 100 Amp (isolator)

1400 x 600 x 350  
300 kg  
laser cut galvanized steel  
UL94 V0 thermo molded ABS

RS-232/USB (wifi optional)  
optional SNMP, modbus and  
AS-400 cards available

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IP55  
internal electrical fan  
1 ~ 90% RH (non condensing)  
0 to 40°C  
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