

| Maximum inpid power 4.59W 6.50W | PV inverter System with HV battery storage | DLS 300C EVO | DLS 450C EVO | DLS 600C EVO | |
|--|---|--|---------------------------------------|-----------------------------|--|
| Machinery and yorkings | DC Inputs Maximum input power | 4.5kW | 6kW | 8kW | |
| April Apri | | | | 0 | |
| VAMPPY College range | | | | | |
| According page of APPT PC PC max 1797 5507 of 2 EV 100 200 5507 of 3 W 100 5007 of 3 W | | | | | |
| Maintenning Comment MPPT 13A 20A 29A | | 2.25kW | | 4kW | |
| 150 250 | | | | | |
| Variety Vari | | | | | |
| Assessment manufact of strings x MPPT strings relating to the control of strings x MPPT strings relating to the control of strings x MPPT strings relating to the control of strings x MPPT strings relating to the control of strings x MPPT strings relating to the control of strings x MPPT strings relating to the control of strings x MPPT strings relating to the control of strings x MPPT strings relating to the control of strings x MPPT strings relating to the control of strings x MPPT strings relating to the control of strings x MPPT strings relating to the control of strings x MPPT strings relating to the control of strings x MPPT strings relating to the control of strings x MPPT strings relating to the control of strings x MPPT strings relating to the control of strings x MPPT strings relating to the control of strings x MPPT strings relating to the control of strings x MPPT strings relating to the control of strings x MPPT strings relating to the control of strings x MPPT strings relating x MPPT strings relat | | 15A | | 25A | |
| Jateny York or John States yet of the States | | | | | |
| April Apri | | | | | |
| SA | | | | | |
| Sour Ackarging power 2.2 MW As descharging power 2.2 MW As descharging power 3.2 MW As descharging power 4.2 MW As descharging power 5.2 MW As descharging power 6.2 MW As descharging power 7.2 MW As descharging power 8.2 MW As MW AS descharging power 8.2 MW As MW | | | | | |
| Max charging power 2.34W | | | | | |
| CAN Control CAN Control CAN Control CAN | Max charging power | 2.5kW | | | |
| Content TP-NI-PE | | | | | |
| Indicate Incident | | | CAN | | |
| The maintain appears SAVA 4.5kVA 6kVA Review SAW 4.5kW 6kW Review SAW 4.5kW 6kW Review SAW 4.5kW 6kW Review SAW 4.5kW 6kW Review SAW 4.5kW 5kW Review SAW 4.5kW 5kW Review SAW 4.5kW 5kW Review SAW 4.5kW 5kW Review SAW 4.5kW 6kW Review SAW 4.5kW 6kW 4.5kW Review SAW 4.5kW 6kW 4.5kW 4.5kW Review SAW 4.5kW 6kW 4.5kW 4 | | | 1P+N+PE | | |
| Continue analge | | 3kVA | | 6kVA | |
| Jurgust nominal current in Jan 19.64 26.14 in chrominal frequency requency range 47Rt- 59Rt (*) 10.9 + 1 (au) ± 0.80) 10.9 + 1 (au) ± 0.80 10.8 + 1 | | | | | |
| Single S | | 404 | | 00.44 | |
| resuency anage 1 (agl ± 0.80) 1 (agl | | 13A | | 26.1A | |
| 1 Gal 9 80 80 80 80 80 80 80 | | | | | |
| ### A SHANDARY OF A SHANDARY O | Cos ϕ | | 1 (adj ± 0.80) | | |
| Maximum Snax power (PV + BATT) | | | < 3% | | |
| Maximum Smax power (BATT) 2,5 M/A Co-thage range 230 Vais + 15% (*) | - 1 11 P | 013/4 | 4.51374 | 01372 | |
| Accessors Acce | | 3kVA | | 6KVA | |
| 13A | | | · · · · · · · · · · · · · · · · · · · | | |
| Intervention line C 5 sec (*) | Output nominal current | 13A | 19.6A | 26.1A | |
| Privarling Performance Samuran Efficiency 97%, | | | | | |
| June Parl De Parl Commence As Standard | | | | | |
| Maximum Efficiency (Surry) 99% May Marchael Efficiency (Surry) 99% Sattery typical efficiency (Surry) 94% Protection Public Protection 99% Sattery typical efficiency 94% Protection 94% P | | | < 3% | | |
| Meighted efficiency (Euro) 99% 344% 7016strict Devices 944% 944% 7016strict Devices 944% | | | 97% | | |
| Procession Pro | | | | | |
| As standard | | | 94% | | |
| AS standard AMTERY operatory reversal As standard AG short-circuit protection As standard AG short-circuit protection As standard As standard As standard As standard As standard In compliance with local legislation As standard As standard As standard In compliance with local legislation As standard As standard Accounted the standard As standard As standard As standard As standard As standard As standard Accounted the standard Accounted th | | | Acctonday | | |
| ASTERY vereload protection As standard Constructival protection As standard As coveroltage protective device As standard As st | | | | | |
| As standard solutions As standard | | | | | |
| Interface protection and anti-slanding RCMU (Residual Current Monitoring Unit) As standard AC Overvoltage protective device AC Overvoltage protective device AC Overvoltage protection Accessories Supplied Accessories Sup | | As standard | | | |
| Communication As standard | | | | | |
| DC Overvoltage protective device As standard | | | | | |
| AG Overvoltage protective device As standard AAC SATERY Overvoltage protection As standard AAC SCASSAIVES Supplied DC connectors CC connectors CC connectors BATTERY connection CC switch AS standard BATTERY connection CC switch AS standard BATTERY connection CC switch AS standard BATTERY stomatic switch Built-in User Interface BC Graphic Touch Screen 4.3" colour LCD Communication interfaces USB/CAN Bus/RS4954/Emerut/File External alarm signal AS standard Built-in Buil | | | | | |
| As standard | | | | | |
| Accessories Supplied | BATTERY Overvoltage protection | 110 0111111111 | | | |
| Screw contacts terminal strip, M25 cable gland | Accessories Supplied | | | | |
| Screw contacts terminal strip, PG9 cable gland | DC connectors | | | | |
| DC switch As standard Built-in Juser Interface Graphic Touch Screen 4.3" colour LCD Dommunication interfaces External alarm signal As standard Datalogger Built-in Warranties 5 years (as standard)/10 year (optional) Environmental Conditions Warranties Touch Graphic Touch South Signard (as standard)/10 year (optional) Environmental Conditions Warranties Touch Graphic Touch South Signard (as standard)/10 year (optional) Environmental Conditions Warranties Touch Graphic Touch South Signard (as standard)/10 year (optional) Environmental Conditions Warranties Touch Graphic Touch South Signard (as standard)/10 year (optional) Environmental Conditions Warranties Touch Graphic Touch South Signard (as standard)/10 year (optional) Environmental Conditions Warranties Touch Graphic Touch Signard (as standard)/10 year (optional) Environmental Conditions Warranties Touch Graphic Touch Signard (as standard)/10 year (optional) Environmental Conditions Warranties Touch Graphic Touch Signard (as standard)/10 year (optional) Environmental Conditions Touch Graphic Touch Signard (as standard)/10 year (optional) Environmental Conditions I (DC, BATTERY input) III (DC, BATTERY input) I | | | | | |
| ### Built-in | | Screw | | | |
| USB/CAN Bus/RS485/Ethernet/WiFi | | Built-in | | | |
| As standard | | | | | |
| Datalogger Built-in | | | | | |
| Syears (as standard)/10 year (optional) | | | | | |
| Ambient temperature -20°C+60°C | | 5 v | | | |
| Content Cont | | <u> </u> | | | |
| Storage temperature -30°C+70°C Relative humidity 5%95% without condensation Relative humidity 2000m Relative humidity 20 | | | | | |
| Relative humidity 5%95% without condensation Voise levels \$\ \circ 50 dB(A) \@ \text{ Im} \\ Maximum operating altitude without derating 2000m Pollution degree classification PD 3 Installation environmental category Indoor, unconditioned Physical Protection rating IP 21 Divervoltage category (IEC 62109-1) III (DC, BATTERY input) III (AC input & output) Cooling concept I-cool, forced cooling Dimensions (W x H x D) mm 480 x 730 x 150 Weight 21kg Fitting system Wall bracket Safety Protection class I I DC to AC isolation Transformerless BATTERY to AC and DC isolation Transformer Pertifications CE EMC and Safety standards EN61000-6-2 (EMC); EN61000-6-3 (EMC); EN 62109-1 (Safety); EN 62109-2 (Safety) Grid codes CEI 0-21 (IT); VDE 0126-1-1 (DE); VDE AR-N 4105 (DE); G98/G99 (UK); C10-11 (BE) DN-GRID/BACKUP/OFF-GRID mode operation Yes, with internal interlock (*) DN-GRID/BACKUP/OFF-GRID selection mode Yes, automatic Grid support (grid services) Yes, if required by the applied grid code | | | | | |
| Value Valu | | | | | |
| Maximum operating altitude without derating 2000m | | < 50 dB(A) @ 1m | | | |
| Indoor, unconditioned | Maximum operating altitude without derating | 2000m | | | |
| Protection rating | | | | | |
| Protection rating | | | Indoor, unconditioned | | |
| II (DC, BATTERY input) III (AC input & output) | | | IP 21 | | |
| Transformer CE | | II (DC, BATTERY input) | | | |
| All Commensions (W x H x D) mm | , , | | · · · · · · · · · · · · · · · · · · · | | |
| Valid | | | | | |
| Wall bracket Safety | | | | | |
| Caption Capt | | | | | |
| Protection class | | | YYAII DIAUKEL | | |
| Transformerless | | | <u> </u> | | |
| Certifications CE EMC and Safety standards EN61000-6-2 (EMC); EN61000-6-3 (EMC); EN 62109-1 (Safety); EN 62109-2 (Safety) 2rid codes CEI 0-21 (IT); VDE 0126-1-1 (DE); VDE AR-N 4105 (DE); G98/G99 (UK); C10-11 (BE) CEI 0-21 (IT); VDE 0126-1-1 (DE); VDE AR-N 4105 (DE); G98/G99 (UK); C10-11 (BE) CEI 0-21 (IT); VDE 0126-1-1 (DE); VDE AR-N 4105 (DE); G98/G99 (UK); C10-11 (BE) CEI 0-21 (IT); VDE 0126-1-1 (DE); VDE AR-N 4105 (DE); G98/G99 (UK); C10-11 (BE) CEI 0-21 (IT); VDE 0126-1-1 (DE); VDE AR-N 4105 (DE); G98/G99 (UK); C10-11 (BE) CEI 0-21 (IT); VDE 0126-1-1 (DE); VDE AR-N 4105 (DE); G98/G99 (UK); C10-11 (BE) CEI 0-21 (IT); VDE 0126-1-1 (DE); VDE AR-N 4105 (DE); G98/G99 (UK); C10-11 (BE) CEI 0-21 (IT); VDE 0126-1-1 (DE); VDE AR-N 4105 (DE); G98/G99 (UK); C10-11 (BE) CEI 0-21 (IT); VDE 0126-1-1 (DE); VDE AR-N 4105 (DE); G98/G99 (UK); C10-11 (BE) CEI 0-21 (IT); VDE 0126-1-1 (DE); VDE AR-N 4105 (DE); G98/G99 (UK); C10-11 (BE) CEI 0-21 (IT); VDE 0126-1-1 (DE); VDE AR-N 4105 (DE); G98/G99 (UK); C10-11 (BE) CEI 0-21 (IT); VDE 0126-1-1 (DE); VDE AR-N 4105 (DE); G98/G99 (UK); C10-11 (BE) CEI 0-21 (IT); VDE 0126-1-1 (DE); VDE AR-N 4105 (DE); G98/G99 (UK); C10-11 (BE) CEI 0-21 (IT); VDE 0126-1-1 (DE); VDE AR-N 4105 (DE); G98/G99 (UK); C10-11 (BE) CEI 0-21 (IT); VDE 0126-1-1 (DE); VDE AR-N 4105 (DE); G98/G99 (UK); C10-11 (BE) CEI 0-21 (IT); VDE 0126-1-1 (DE); VDE AR-N 4105 (DE); G98/G99 (UK); C10-11 (BE) CEI 0-21 (IT); VDE 0126-1-1 (DE); VDE AR-N 4105 (DE); G98/G99 (UK); C10-11 (BE) CEI 0-21 (IT); VDE 0126-1-1 (DE); VDE AR-N 4105 (DE); G98/G99 (UK); C10-11 (BE) CEI 0-21 (IT); VDE 0126-1-1 (DE); VDE AR-N 4105 (DE); G98/G99 (UK); C10-11 (BE) CEI 0-21 (IT); VDE 0126-1-1 (DE); VDE AR-N 4105 (DE); G98/G99 (UK); C10-11 (BE) CEI 0-21 (IT); VDE 0126-1-1 (DE); VDE AR-N 4105 (DE); G98/G99 (UK); C10-11 (BE) CEI 0-21 (IT); VDE 0126-1-1 (DE); VDE AR-N 4105 (DE); G98/G99 (UK); C10-11 (BE) CEI 0-21 (IT); VDE 0126-1-1 (DE); VDE AR-N 4105 (DE); G98/G99 (UK); C10-11 (BE) CEI 0-21 (IT); VDE 0126-1-1 (DE); C106 (DE); G | DC to AC isolation | | | | |
| EMC and Safety standards EN61000-6-2 (EMC); EN61000-6-3 (EMC); EN 62109-1 (Safety); EN 62109-2 (Safety) Grid codes CEI 0-21 (IT); VDE 0126-1-1 (DE); VDE AR-N 4105 (DE); G98/G99 (UK); C10-11 (BE) Other Features ACKUP/OFF-GRID mode operation ON-GRID/BACKUP/OFF-GRID selection mode Yes, with internal interlock (*) Yes, automatic Grid support (grid services) Yes, if required by the applied grid code | | | | | |
| Grid codes CEI 0-21 (IT); VDE 0126-1-1 (DE); VDE AR-N 4105 (DE); G98/G99 (UK); C10-11 (BE) DITE Features 3ACKUP/OFF-GRID mode operation Yes, with internal interlock (*) N-GRID/BACKUP/OFF-GRID selection mode Yes, automatic Grid support (grid services) Yes, if required by the applied grid code | | ENGIODO C O (EMO), ENO | | ofoty): EN 60100 0 (Cafata) | |
| Other Features BACKUP/OFF-GRID mode operation ON-GRID/BACKUP/OFF-GRID selection mode Yes, with internal interlock (*) Yes, automatic Yes, automatic Yes, if required by the applied grid code | | | | | |
| ACKUP/OFF-GRID mode operation Yes, with internal interlock (*) ON-GRID/BACKUP/OFF-GRID selection mode Yes, automatic Yes, automatic Yes, if required by the applied grid code | | OLI 0-21 (II), VDE 0120-1 | (DE), VDE AIT-N 4100 (DE), C | 200/000 (UK), UTU-TT (DE) | |
| ON-GRID/BACKUP/OFF-GRID selection mode Yes, automatic Grid support (grid services) Yes, if required by the applied grid code | | | Yes, with internal interlock (*) | | |
| | DN-GRID/BACKUP/OFF-GRID selection mode | Yes, automatic | | | |
| Residential loads management (OPTIONAL) Yes, 1 dry contact 4A 250Vac | Orid oupport (grid consisce) | Yes, if required by the applied grid code Yes, 1 dry contact 4A 250Vac | | | |