



GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.

www.goldwind.com
Corporate_Comms@goldwind.com

GoldConv
A10000Pro-MV

A10000Pro-MV

PCS+MV All-in-one Skid



Faster Response

Response speed within 20ms, and fast charge/discharge conversion speed
UL/IEC compliance, O&M friendly



Greater Adaptability

Algorithms adaptive to grid parameter changes
Comprehensive protection strategy and excellent fault ride-through capability



More Flexible

Completely modular design for kW to GW application
Customized solutions



Grid Forming

Grid forming BESS for weak grid/micro-grid/off-grid
VRE & IBR penetration expert



| | |
|------------------------------|---|
| Rated Power [kVA] | 10000 / 8000 |
| Rated Grid AC Voltage [VAC] | 36kV / (12/24 Optional) |
| Rated Grid Frequency [Hz] | 50/60 ±5Hz |
| Grid AC Voltage Range | ±10%(-15% Optional) |
| Transformer Type | ONAN / (KNAN Optional) |
| Switchgear Type | Ring Main Unit |
| Switchgear Insulating | SF6 (Fluorine-Free Optional) |
| PCS DC Input Voltage [VDC] | 1000~1500 |
| Max PCS DC Input Current [A] | 587*18 |
| PCS Max Efficiency | >98.5% |
| PCS AC Rated Voltage [VAC] | 690 |
| Power Factor Range | -1~+1 |
| PCS THDI | <3% |
| External Communication | CAN / MODBUS / IEC104 / IEC61850 / GOOSE |
| Noise[dB] | ≤75@1m |
| Operation Altitude [m] | 4000 (>2000 derating) |
| Operation Temperature [°C] | -35~55 (>45 °C derating) |
| Operation Humidity | 0~100%, No condensation |
| Auxiliary Transformer | Optional |
| Enclosure Degree | IP55 C3H |
| Dimension WxDxH [mm] | 12192x2438x2896 |
| Weight [kg] | <35000 |
| Code & Compatibility | IEC 62271, IEC60076, IEC61000, IEC62477, IEC62109, UL1741 |

Reserves the right to make changes to the products and information contained in this document without notice.