TECHNICAL DATA SHEET

APOSTAR
AP Premium

Uninterruptible Power Supply
100kVA - 400kVA

Highlights

- ***HiWatt*** high active power - output power factor 0.9
- ***CapPower*** high output power at capacitive loads
- ***CleanIn*** sinusoidal input current THDi < 3%
- ***GreenOnline*** high efficiency, up to 95% / on Eco Mode > 99%
- ***DCCare*** flexible battery configurations
- ***SafePower*** Highest reliability
- ***EMCSafe*** EMC-class C1 and C2 (for unlimited use) available
- ***FlexConnect*** variable cable connection (from bottom and top)
- ***MultiCom*** standard extended-range communication protocols
- ***OptiSize*** reduced weight and small foot print



Nothing protects quite like Piller

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APOSTAR AP Premium



APOSTAR AP	Premium 100	Premium 120	Premium 160	Premium 200	Premium 300	Premium 400
Output						
Rated power	100kVA	120kVA	160kVA	200kVA	300kVA	400kVA
Power factor (380 / 400 / 415V)	0,9 / 0,9 / 0,9	0,8 / 0,9 / 0,9	0,9 / 0,9 / 0,9	0,8 / 0,9 / 0,9	0,8 / 0,9 / 0,9	0,9 / 0,9 / 0,9
Rated active power	90kW	108kW	144kW	180kW	270kW	360kW
Rated current						
■ cos φ = 0,9 lagging (380 / 400 / 415V)	152 / 144 / 139A	--- / 173 / 167A	243 / 231 / 223A	--- / 289 / 278A	--- / 433 / 417A	608 / 577 / 556A
■ cos φ = 0,8 lagging (380 / 400 / 415V)	152 / 144 / 139A	179 / 173 / 167A	243 / 231 / 223A	299 / 289 / 278A	449 / 433 / 417A	608 / 577 / 556A
Rated voltage (Rated frequency)	380V (50/60Hz) / 400V (50Hz) / 415V (50Hz) adjustable					
Input						
Rated voltage (Rated frequency)	380V (50/60Hz) / 400V (50Hz) / 415V (50Hz)					
Current distortion	< 3%	< 3%	< 3%	< 3%	< 3%	< 3%
cos φ	> 0,99	> 0,99	> 0,99	> 0,99	> 0,99	> 0,99
General data						
Width	800mm	800mm	1200mm	1200mm	1600mm	2000mm
Depth	800mm	800mm	800mm	800mm	800mm	800mm
Height	1900mm	1900mm	1900mm	1900mm	1900mm	1900mm
Weight	660kg	660kg	895kg	895kg	1335kg	1715kg
Backup time	customised					

Interfaces (Standard)

- RS 232 or RS 485 interfaces, prepared for SNMP-adapter (option)
- 8 digital and 3 analogue inputs / 9 volt free contacts

Options

- external manual bypass in seperate cabinet
- Radio interference level according to IEC 62040-2
- external output transformer in seperate cabinet
- battery temperature sensor
- external remaining battery runtime display
- external remote control panel
- customer specific colours
- APOCONNECT (remote diagnostics)
- DATAWATCH (shut-down)
- OPC-Server
- Profibus-DB
- SNMP-adapter with Ethernet Interface
- Protocol-Gateway (2 maximum)
- I/O-card (2 maximum)

Modifications reserved

PILLER
Power Systems