

High Efficiency Energy Facility : *PLATHEX-100k & 200k*

Perfect Power Conditioning System

for High Efficiency Energy Facility



Model	PLATHEX-200k	PLATHEX-100k
Grid Side (DC to AC)		
Number of phase	3P3W	3P3W
Nominal grid voltage [Vac]	440(±10%)	380(+10%)
Grid frequency [Hz]	60	60
Norminal grid power [kW]	205	120
Nominal grid current [Aac]	269	182
Power factor	≥0.99	≥0.99
Efficiency [%]	≥95	≥95
Current harmonic at rated [%]	≤3	≤3
Generator Side (AC to DC)		
Nominal generator voltage [Vac]	440	440
Nominal generator current [Aac]	280	171
Nominal generator frequency [Hz]	≤666	≤383
Max. generator frenquency [Hz]	733	400
Maximum generator rating [kva]	250	143
Maximum generator current [Aac]	328	188
Rator over speed [%]	105	105
General data		
Dimensions	1600 * 960 * 1000	850 * 600 * 1750
Weight [kg]	about 800	about 350
Cooling principle	Forced Air Cooling	
Relative humidity [%]	≤95	
Altitude above sea level [m]	<2,000	
IP level	21	
Communication	CAN, CANOpen, RS-232/485	
Protection	UV, UV, OT, OC, SC, etc.	
	Generator Disconnecter, Fuse etc.	