

양방향 무정전 장치 EP-UPS

EP-Two-Way Uninterruptible Power System

- **입력전원 감시 및 출력조절**
Input Power Monitoring and Output power control
- **빠른설치 및 배터리 관리기능**
Quick installation and battery management facility
- **일반 및 리튬 배터리 사용가능**
Available for lithium battery
- **장시간(최대24시간)연속정전 대비**
Possible to operate for 24hours during the blackout

MODEL		EP-UPS-010k	EP-UPS-020k	EP-UPS-030k
Capacity		10 [kVA]	20 [kVA]	30 [kVA]
PV Input range / Rated voltage		450~850 [Vdc] / 620 [Vdc]		
Cooling		Air force cooling		
Inverter control method		Off line IGBT PWM Control		
Switchover time	Grid to Inverter	< 4 [ms]		
	Inverter to Grid	Seamless swiching		
AC Output	Rated voltage	380/220 [Vac]		
	Voltage stability	< 1.5 [%]		
	Frequency	60/50 [Hz]		
	Frequency stability	±0.5 [%] (Inverter Free Running)		
	Waveform distortion	< 3 [%]		
	Service rating	100 [%] Continuous operating		
	Overload withstand	120 [%] During 10 min		
	Power factor	Depending on load characteristics		
Efficiency	Grid to Load	> 98 [%]		
	Battery to Load	88~93 [%]		
Noise		< 58 [dBA]		
Battery	Capacity	30 [Ah] ESH(L)30-12	65 [Ah] ESH(L) 65-12	100 [Ah] ESH(L) 100-12
	Battery voltage	360 [V]		
	Charging voltage	405 [V]		
	Rated voltage	360 [V]		
	Termination voltage	315 [V]		
Communication Interface		RS485, CAN		
UPS Dimension (WxHxD)		430 x 620 x 180 [mm]		
Weight	UPS	37 [kg]		