

HYUNDAI ONLINE UPS

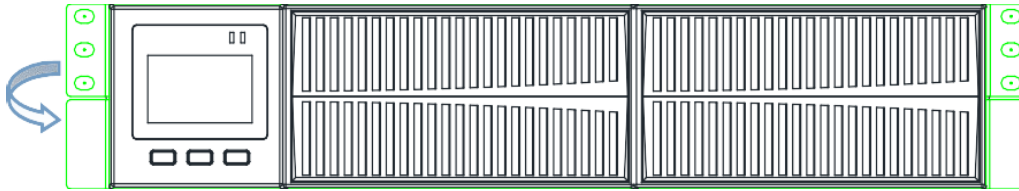
1 PHASE 3KVA TOWER/RACKMOUNT

DATASHEET

MODEL		HD-3KRi
Capacity		3000VA/2700W
Technology		Online double conversion, Rack/tower type
INPUT		
Rated Voltage		Single phase 208/220/230/240VAC
Voltage range		110 ~ 176 Vac (power derating linearly between 50% and 100% load); 176 ~ 280 Vac (no derating); 280 ~ 300Vac (power derating 50%)
Frequency range		40~70 Hz; 50-60Hz(auto-sensing)
Power factor		≥ 0.99
Cold start		Yes
Bypass voltage range		-25% ~ + 15% (settable)
THDi		≤ 6%
Socket		C13/14
OUTPUT		
Waveform		Pure sine wave
Voltage		208/220/230/240 Vac ± 1% (Settable via LCD)
Frequency range		50/60 (synchronized range with mains input); ±0.1Hz (battery mode))
Power factor		0.9
Crest factor		3:1
THDv		≤ 2% (linear load); ≤ 5% (non-linear load)
Transfer time		0ms(Mains mode to battery mode)
Outlet		C13/C14
Inverter overload capability		105% ~ 125% load: transfer to bypass in 1 min; 125% ~ 150% load: transfer to bypass in 30 s; 150% load: transfer to bypass in 300 ms;
Efficiency	Line mode	≥92%
	BAT mode	≥87%
	ECO mode	≥97%
BATTERIES		

Battery type	VRLA, Sealed lead-acid, maintenance free battery; Battery life ≥5 years.
Inbuilt battery	12V/9Ah * 6 pieces
DC voltage	72VDC
Backup time	≥8mins at 60% load
Ability of extension	4 Cabinet Battery 6*9AH(optional)
Charger output voltage	81.3A ± 1.2
Recharge time	90% capacity restored in 4 hours
Charging current(Max.)	1A
Battery test	Automatic battery test/ quick test/ battery capacity test
SYSTEMS and COMMUNICATIONS	
LCD Display	Operation/ Load/ Battery/ Input/ Output
Overload protection	Over-temp protection; Fan testing protection; Overload protection; Output short circuit protection; Battery discharge protection
Alarms	Battery mode, battery voltage low, fans fault etc..
Control	By micro processor
Communication	RS232/USB-with management software
SNMP	Optional
ENVIRONMENT	
Humidity	0 ~ 95 % RH (non-condensing)
Temperature	0°C ~ 40°C; Storage temperature: -25°C ~ 55°C (exclude batteries)
Altitude	≤ 1000m, derating 1% for each addition 100m
IP level	IP20
Noise	≤50dB at 1m
PHYSICAL	
Dimensions (mm) W × D × H	440*560*88
Net weight (kg)	26.8
Accessories	User manual/ input power cord, RS232 cable

Rear panel features (can change the position of the connection port or the type of socket)



① C14/C13/C19/C20 AC input socket	⑥ RS232 port
② Battery connector	⑦ Intelligent slot
③ Fan	⑧ C14/C13 Output sockets
④ USB port	
⑤ EPO (Emergency Power Off) port	

