	Proof of Work	Proof of Stake	
Open-membership	Acquiring mining hardware from manufacturer - 51% attacker can collude with an allow list to prevent new entrants.	Staking 32 ETH on the execution chain - 51% attacker can collude with an exclude list to prevent new entrants.	
Block production relative to stake	Yes.	Yes.	
Activate participation	Yes, they must solve a computational puzzle.	Yes, casting votes every epoch.	
Block finality	Weight-based finality.	Weight-based, then Absolute finality.	
Forced to pick one parent block	Yes, pick a block before solving a puzzle.	Yes, double-voting is slashable.	
Unpredictable block proposer	Yes, it depends on who solves the puzzle first.	No, known 2 epochs (~12 minutes) in advance.	
Publicly verifiable transcript	Yes, objective from genesis.	No, subjective. Only online Validators can find canonical chain and trusted source needed to find latest checkpoint upon returning online.	
Gracefully handle outages	Block production is reduced until puzzle difficulty is reset.	Penalises and may eject non-cooperative Validators until good service is returned.	
Forced distribution of newly issued coins	Yes, the operational cost for mining is very expensive.	No, but coin issuance does not need to subsidise the operational cost.	
Eventually distributed yield	Yes.	Yes (MEV is independent of PoS).	
Rewards for uptime only	Yes.	Yes.	
Frequency of payments	Only upon solving a block – may be never if the miner is insignificant.	Yes, frequent sweeps of profit (post Shanghai).	